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FRUIT & VEG. CROPS & DISEASES

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U. S. Department of Agriculture



Hormone Treated Seeds

ST. LOUIS SEED CO.

411 N. Broadway

St. Louis, Mo.

1942 ANNUAL CATALOGUE

We want our catalogue to be a friendly medium of contact and amicable business relations. We have endeavored to give cultural directions in conjunction with the various varieties wherever possible.

When we advertise "Pure and Sure" seeds we mean that our customers receive seeds which have been tested under varying conditions prior to sale; thus reducing to a minimum the possibility of failure.



All "PURE and SURE" Seeds HORMONE TREATED

All of our garden seeds (vegetable and flower) are HORMONE TREATED.

We pioneered by offering HAVALAWN grass seed Hormone Treated—an advancement which we adopted after extensive research and experiment. The beneficial effect of Hormones has been proven. Hormones speed germination, induce sturdier root growth and more luxurious plant growth, and better crops.

Remember, though, that our Hormone treatment is scientifically applied. The proper application to the seeds and the proper care of the seeds after the application are necessary to secure desired results. For those reasons we do not feel that our Hormone Treated seeds can be successfully handled by the ordinary retail outlets. So for your satisfaction and protection, "Pure and Sure" seeds (vegetable and flower) Hormone Treated are sold at our store exclusively.

Due to present conditions, prices quoted herein are subject to change without notice and all offerings are subject to stock on hand

Suggestions for Ordering

Phone CEntral 4100

ORDER EARLY

Phone CEntral 4100

WE WISH TO IMPRESS UPON YOU THE ADVANTAGE OF EARLY ORDERING. It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil, and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

Remittances should be made by Post Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

In filling out your orders always give Shipping Directions, and write Name and Address distinctly on each and every order.

PLEASE NOTE—ABOUT WARRANTING SEEDS

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the

PARCEL POST: Customers on R. F. D. routes, and beyond express delivery will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

ALL PRICES on VEGETABLE SEEDS are net, but on PACKETS, up to 5 LBS. WE PREPAY POSTAGE, EXCEPT WHEN NOTED.

PURCHASER PAYS TRANSPORTATION on Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries; also Seed by gallon, peck and bushel.

EXPRESS AND FREIGHT CHARGES on large quantities are cheaper than Parcel Post. We charge no cartage to depots or the Express Company offices, nor do we charge for boxes, packing or for small muslin bags.

When seamless cotton bags are required they must be remitted for; 25¢ each.

THE PRICES QUOTED IN THIS CATALOGUE ARE NET. We reserve the right to advance prices without notice should current conditions require it.

SEEDS, PLANTS OR BULBS

seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this Catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

ST. LOUIS SEED COMPANY.

ST. LOUIS SEED CO.'S RELIABLE LAWN SEEDS

HORMONE
TREATED

HAVALAWN

HORMONE
TREATED

HAVALAWN GRASS SEED, ALWAYS FIRST IN QUALITY, IS NOW HORMONE TREATED
THE BEST SEED MADE BETTER

Havalawn is a mixture especially prepared for St. Louis soil and climate. The hormone treatment of seeds is a proven advancement. Hormones encourage germination and increase both plant and root growth.

HAVALAWN GRASS SEED IS SOLD AT OUR STORE ONLY

1 lb. 40c 3 lbs. \$1.15 5 lbs. \$1.90 10 lbs. \$3.70 25 lbs. \$9.00 100 lbs. \$35.00

Prices subject to change without notice.

All our Lawn Grasses are recleaned and tested for highest quality, purity and germination.

One pound of Lawn Seed will sow 10x30 feet; 75 to 100 pounds to the acre.

By mail, add postage.

ST. L. S. CO.'S SHADY LAWN MIXTURE. This mixture is intended for situations in partial or complete shade of trees.

1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.40; 10 lbs., \$4.70; 25 lbs., \$11.50; 100 lbs., \$43.00.

QUICK RESULTS MIXTURE. This is intended for yards, playgrounds, etc., that are not intended to be kept cut closely, and where grass is wanted quickly to cover unsightly places.

1 lb., 20c; 3 lbs., 55c; 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$4.00; 100 lbs., \$15.00.

ST. L. S. CO.'S TERRACE MIXTURE. Composed of varieties which make strong roots to hold terraces and embankments.

1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.40; 10 lbs., \$4.70; 25 lbs., \$11.50; 100 lbs., \$43.00.

BLUE GRASS, KENTUCKY (*Poa pratensis*). Fancy extra recleaned. Kentucky Blue Grass is the most hardy and valuable of all grasses.

1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.40; 10 lbs., \$2.70; 25 lbs., \$6.50; 100 lbs., \$25.00.

BLUE GRASS, CANADIAN (*Poa compressa*). A very hardy perennial grass with creeping root-stocks.

1 lb., 35c; 3 lbs., \$1.00; 5 lbs., \$1.65; 10 lbs., \$3.20; 25 lbs., \$7.75; 100 lbs., \$29.00.

BENT-ASTORIA (*Agrostis tenuis*). A very fine-bladed grass producing a thick turf.

1 lb., \$1.25; 3 lbs., \$3.50; 5 lbs., \$5.00; 10 lbs., \$9.50.

BENT, CREEPING (*Agrostis* Species or South German Mixed Bent). Its rapid growth and stoloniferous roots form a strong enduring turf which withstands hard usage.

1 lb., \$1.50; 3 lbs., \$4.00; 5 lbs., \$6.50; 10 lbs., \$12.50.

BENT, SEASIDE (*Agrostis maritima*). This is the variety which was first identified in Oregon. It is a hardy creeping variety forming close mat-like sward.

1 lb., \$1.25; 3 lbs., \$3.50; 5 lbs., \$5.00; 10 lbs., \$9.50.

BERMUDA (*Cynodon dactylon*). It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf.

1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.40; 10 lbs., \$4.70.

CHEWINGS' FESCUE. (New Zealand-Grown.) Does well in sandy soils, and in the shade. Sow either spring or fall.

1 lb., 70c; 3 lbs., \$2.05; 5 lbs., \$3.40; 10 lbs., \$6.70.

FESCUE, MEADOW (*Festuca pratensis*). This grass is also called English Blue Grass; flat and bright green.

1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.40; 10 lbs., \$4.70; 25 lbs., \$11.50; 100 lbs., \$45.00.

ORCHARD GRASS (*Dactylis glomerata*). Very desirable for early pasture. Also fine for sowing in shaded places.

1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.40; 10 lbs., \$4.70; 25 lbs., \$11.50; 100 lbs., \$45.00.

POA TRIVIALIS. An ideal grass for shade. A spreading, thickly matting stoloniferous-rooted species.

1 lb., \$1.25; 3 lbs., \$3.50; 5 lbs., \$5.00.

RED TOP, FANCY (*Agrostis palustris*). Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought-resistant.

1 lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 100 lbs., \$18.00.

RYE GRASS. Succeeds well on almost any soil, but is particularly adapted to moderately moist lands.

1 lb., 20c; 3 lbs., 55c; 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$4.00; 100 lbs., \$15.00.

TIMOTHY (*Phleum pratense*). Used mostly for its hay crop, but is also used in lawn mixtures, 1 lb., 15c; 3 lbs., 40c; 5 lbs., 65c; 10 lbs., \$1.20; 25 lbs., \$2.75; 100 lbs., \$10.00.

CLOVER FOR LAWNS
WHITE or DUTCH. A low growing Clover. Very desirable for beautifying the lawn. 1 pound covers 600 square feet.

1 lb., 90c.

EROSIONET

EROSIONET is a strong, economical, open-mesh fabric made of tightly twisted waterproof paper twine. When placed over any seeded surface, its $\frac{1}{4}$ -inch square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. Thus, damaging "washouts" from heavy rains are effectively checked without cutting off the sunlight. 45 inches wide.

Per Yard, 10c.



FLOWER SEEDS

ABRONIA, Umbellata (Tender Perennial). Clusters of deep rose colored blossoms rise from trailing mats of deep green crispy leaves. Very drought resistant. Valued in the rock garden. Of easy culture, seed may be sown outdoors in spring or early summer. Germination 10 days. Pkt. 10c.

ABUTILON (Flowering Maple) (Tender Perennial). Used for pot culture. The maple like foliage is often variegated. Flowers bell shaped. Germination 10 days. Height 2 ft. Mixed colors. Crop failed.

ACHILLEA, The Pearl (Perennial). An easily grown plant about 2 ft. high, bearing clusters of white flowers. Excellent for cutting. Does well in partial shade. Blooms from June to September. Sow seed from May to September. Germination 7 to 12 days.

Pkt. 15c; $\frac{1}{8}$ oz. 60c.

ACONITUM, Napellus Blue (Perennial). Stately spikes of showy helmet-shaped flowers. The plants resemble Delphiniums in form and bloom during July and August. Sow seed in winter or very early spring. These are seeds that need cold rather than heat to germinate. Germination 2 to 4 weeks.

Pkt. 10c; $\frac{1}{8}$ oz. 50c.

ACROCLINIUM (Everlasting Flowers) (Annual). Pretty little daisy-like flowers. Rose, pink and white. For winter bouquets. They should be cut before they become fully expanded. Seed sown outdoors in good garden soil, after the ground is warm, will bloom in six to eight weeks. One ft. high. Germination 7 to 12 days.

Pkt. 10c; $\frac{1}{2}$ oz. 30c.

AGERATUM (Floss Flower) (Annual). A most satisfactory plant for bedding or edging. Very easily grown. Blooms freely all summer, stands drought. Seed may be sown indoors early or in open ground after frost and until June. Transplant or thin out so plants are six inches apart. Germination 7 to 14 days.

Blue Cap. Very dwarf 4 in., deep blue, free flowering.

Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Blue Ball. Clear blue. Compact plants. 6 inches.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Imperial Dwarf Blue. A choice bedding variety. 10 inches.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Imperial Dwarf White.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Little Blue Star. Plants densely covered with bright blue flowers. Height 5 inches.

Pkt. 10c; $\frac{1}{4}$ oz. 60c.

AGROSTEMMA, Coronaria (Rose Campion) (Perennial). Beautiful free flowering plants with gray-green foliage and deep crimson flowers. Seed sown early (February or March) will bloom the first year. 2½ ft. tall. Germination 12 to 20 days. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

ALYSSUM, Sweet (Annual). Fragrant flowers are produced in profusion throughout the season. Blooms in six weeks after seed has been sown. Sow in good garden soil from early spring to mid-summer. Thin or transplant four inches apart. Germination 7 to 10 days.

Miniature. An exceedingly dwarf variety. Fragrant white flowers produced in great masses.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Carpet of Snow. The finest edging variety, producing a rounded mass of pure white flowers. A continuous bloomer. Height 4 in.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Little Gem. A dwarf graceful plant, with tiny fragrant white flowers. 4 inches.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Lilac Queen. Delicate lilac flowers, especially attractive in autumn. 6 inches.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Violet Queen. Plants dwarf, compact. Free flowering, fragrant. Color deep violet.

Pkt. 10c.

SAXATILE (Basket of Gold) (Perennial). The golden yellow flowers, completely cover the compact plants in early spring. Height 9 in. Sow seed in early spring, transplant when large enough to bloom. Seed germinates in 20 to 30 days.

Pkt. 10c; $\frac{1}{2}$ oz. 50c.

AMARANTHUS (Annual). Beautifully colored foliage plants that succeed best in sunny rather dry locations. Sow seed in open after the ground is warm. Seed germinates in 14 days.

Tricolor (Joseph's Coat). Brilliant scarlet, yellow and green foliage.

Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Choice Mixed. Variegated and solid colors.

Pkt. 5c; $\frac{1}{2}$ oz. 15c.

AMPELOPSIS (Boston Ivy) (Perennial).

Veitchii. Clings to walls of wood, stone or brick. 20 ft.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

ANAGALLIS, Grandiflora (Annual). The husky plants produce numerous small fine petaled blossoms. Colors blue and rose. Sow seed in soil to which sand or peat moss has been added. Effective edging or rock garden plants. Germination 12 to 20 days.

Mixed.

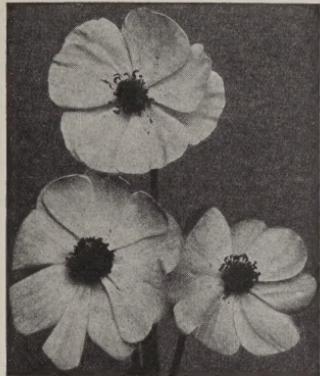
Pkt. 10c.

Our Seeds Are Tested for Germination and Hormone Treated

ANCHUSA, Italica (Dropmore) (Perennial). Does best in well drained situation and prefers partial shade. Flowers of deep gentian blue produced on drooping sprays from May to July. Easily grown in ordinary garden soil. Seed sown in midsummer will bloom the following season. Germination 18 to 24 days.

Mixed.

Pkt. 10c.



Anemone

ANEMONE, Japonica (Windflower) (Perennial). A glorious flower in late summer and fall. Long stemmed blossoms of white, flesh tinted cream, pink and rose. Sow seed in late fall or very early spring, cover lightly with fine sand. Good garden soil that is well drained is suitable. Keep well watered in dry weather. Blooms from August to October. Height 2 ft. Germination 6 weeks.

Mixed.

Pkt. 15c.

ANTHEMIS, Tinctoria (Hardy Marguerite) (Perennial). Golden daisy like flowers and fern like foliage. Seed sown early will bloom the first season. Will thrive in most any soil. Give full sunlight. Bloom from June to frost. Germination 10 days.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

ANTIRRHINUM (Snapdragons) (Half-hardy perennial). Used as annuals. Used for bedding and make excellent cut flowers. Snapdragons thrive in any good garden soil. Seed may be sown outdoors in late fall or early spring. For early blooms, sow indoors and transplant to sunny position as soon as ground is warm. Germination 7 to 12 days.

Maximum (Giant Flowering) (Rust Resistant). Large flowers, closely placed on the spike. Height 3 ft.

Alaska. White.

Crimson. Fiery crimson red.

Copper King. Copper scarlet.

Daffodil. Golden yellow.

Loveliness. Soft rose.

Swingtime. Rose pink.

Pkts. each 15c.

Maximum Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Large Flowering Half Dwarf. Height 18 inches.

Nelrose. Brilliant rose.

Empress. Velvet crimson.

Golden Queen. Deep yellow.

Defiance. Orange scarlet.

The Bride. Pure white.

Silver Pink. Pearly pink.

Mixed.

Pkts. 10c; $\frac{1}{4}$ oz. 40c.

Rock Hybrids. Form small compact plants with various colored flowers, suitable for rock gardens and borders. Continuous bloomer. Height 8 inches.

Pkt. 15c.

Tom Thumb. A very dwarf variety producing an abundance of bloom throughout the summer.

Mixed Pkt. 10c.

AQUILEGIA (Columbine) (Perennial). The Aquilegias are among the most beautiful and popular of hardy plants. Germination of seed a little slow and uneven, taking from 12 to 60 days. Should be kept moist. Foliage very attractive; good cut flower. Best in partial shade.

Imperial Long Spurred Hybrids. A greatly improved strain. The finest of the long spurred Columbines. Many colors including red, pink, yellow, blue and white shades. The blooms are large, often four inches in diameter. The 3 ft. stems are tall and straight.

Pkt. 25c; $\frac{1}{8}$ oz. \$1.00.

Mrs. Scott Elliott's. Long-spurred Hybrids. Many fine color combinations, having extremely long spurs, good stems and large blooms. 2 $\frac{1}{2}$ to 3 ft.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Chrysanth (Golden Columbine). A free flowering Columbine. Bright yellow flowers blooming longer than others.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Blue Heaven. One of the most beautiful Columbines we have grown. Plants about 16 inches high and are very free flowering. Flowers are blue with corolla carried well above the foliage.

Pkt. 25c.

Cerulea. Light blue and white. 14 inches.

Pkt. 15c.

Double. Mixed colors. 12 inches.

Pkt. 5c; $\frac{1}{2}$ oz. 50c.

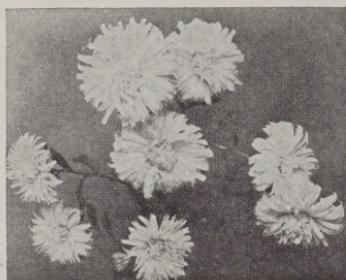
Single. Mixed colors. 12 inches.

Pkt. 5c; $\frac{1}{2}$ oz. 40c.



Aquilegia, Imperial Long Spurred Hybrids

You Must Fertilize to Get Results



Aster, American Branching

ARABIS (Rock Cress) (Perennial). Compact plants, covered with white flowers during April and May. Fine for rockery. Sow seed in light soil from May to August and transplant to where they are to bloom in October. Germination 10 days.
Pkt. 10c; $\frac{1}{4}$ oz. 25c.

ARCTOTIS, Grandis (Blue Eyed Daisy) (Annual). Sow seed in early spring in good garden soil. Thin plants to 10 inches apart. Grows quickly and blooms all summer. White with lilac center. 2 ft. Fine for cutting. Germination 15 to 20 days.
Pkt. 10c; $\frac{1}{4}$ oz. 25c.

ARMERIA, Formosa (Sea Pink or Thrift) (Perennial). Sow seed in midsummer or early fall. Armerias are of easiest culture, being hardy and free growers. Compact plants with grass like foliage and pink clover like flowers. 12 inches. May and June. Germination 14 to 21 days.
Pkt. 15c; $\frac{1}{4}$ oz. 50c.

ASCLEPIAS Tuberosa (Butterfly Weed) (Perennial). One of the most attractive plants; flowers borne in clusters are gorgeous orange and make graceful bouquets. Easily grown from seed sown in spring in ordinary soil. Transplant in fall to where plants are to bloom. Like full sun. Germination 21 to 30 days.
Pkt. 15c.

ASPARAGUS (Tender Perennial). The ornamental varieties of Asparagus are highly valued for their feather sprays. Height 2 to 3 ft. Germination 30 to 45 days.

Plumosus Nanus (Lacefern). Bright green.

Pkt. 10c.

Sprengeri (Emerald Fern). Used for window boxes and hanging baskets.
Pkt. 10c.

ASTERS (Annual). Seed should be planted in well drained soil after the danger of frost has passed. Seed germinates in 6 to 8 days. TOBACCO MULCH worked into the soil will help to prevent root aphids.

Chrysanthemum Flowered. Bushy plants, bearing large double flowers. Fine for garden or pot culture. 14 in.
Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Queen of the Market (Wilt resistant). Double, well formed flowers with long stems. Fine for cutting. 2 $\frac{1}{2}$ ft. White, peach blossom, crimson, dark blue, light blue or mixed.
Pkt. 10c; $\frac{1}{4}$ oz. 40c.

ASTERS—Continued

Cregie (Giant Improved). Free flowering compact plants about 2 ft. tall. A midseason variety, filling the season between early and late Asters.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

American Branching (Wilt resistant). Very free blooming, producing flowers of the broad petal type, slightly incurved and very lasting. Long stems for cutting. 3 ft. Crimson, lavender purple, shell pink, light rose, white or mixed.
Pkt. 15c; $\frac{1}{2}$ oz. 35c.

Baby Aster (Pompon). Plants compact, well branched, 8 to 10 in. tall. Flowers 1 $\frac{1}{2}$ to 2 inches across with short tightly quilled petals. Early bloomer.

Mixed colors. Pkt. 10c.

California Giants. Their immense size, beautiful colors, free flowering habit make them great favorites. 3 ft. Dark purple, deep rose, light blue, peach blossom, white.
Pkt. 15c.

Mixed colors. Pkt. 15c; $\frac{1}{2}$ oz. 35c.

Single (China Aster). This strong, vigorous Aster will bloom when all others fail. Single flowers. 2 $\frac{1}{2}$ in. in diameter with yellow centers. Many colors. 2 ft.
Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Hardy Aster (Michaelmas Daisy). A free flowering perennial thriving in good garden soil. 4 ft.
Mixed colors. Pkt. 15c.

Alpinus. Plants 6 to 10 in. high. Blooms are produced in great profusion in late summer and fall.
Pkt. 15c.

AUBRIETIA (Rainbow Rock Cress) (Perennial). Large flowering hybrids. Aubretias are highly recommended for the rock garden or rock wall. Neat, compact plants and a vivid splash of color in April and May. 6 in. Seed should be sown in spring or early summer. Cover lightly with fine sand. Germination 10 to 14 days.
Mixed colors. Pkt. 15c; $\frac{1}{2}$ oz. 40c.

BALLOON VINE (Love in a Puff) (Annual). A rapid growing plant with pretty foliage, white flowers, followed by globular balloon like seed pods. Sow seed where they are to grow. 10 ft. Germination 7 to 10 days.
Pkt. 5c.

BALSAM APPLE (Mormordica) (Annual). An ornamental vine used mostly for its fruit which is deep orange. When ripe fruit opens and shows its brilliant carmine seeds. Fruits used to make salve and cough syrup. Plant seed where they are to grow. 10 ft. Germination 8 to 12 days.
Pkt. 10c; oz. 35c.

BALSAM (Lady Slipper) (Annual). Beautiful plants with double flowers 2 in. in diameter. Set plants 2 ft. apart in sunny position. Flowers in great profusion all summer. Seed germinates in 8 to 10 days.

Camellia Flowered. White, scarlet, salmon rose, or mixed.
Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Rose Flowered. Mixed.

Pkt. 5c; $\frac{1}{2}$ oz. 25c.

Torch (Bush Balsam). Very compact plants, 8 to 10 in. tall. Unlike the taller Balsams, the flowers are carried at tips of stems, making a show of color rather than foliage. Color bright vermilion red.
Pkt. 25c.

Plant Hormone Treated Seeds

BAPTISIA, Australis (False Indigo) (Perennial). Large lupin like spikes of clear deep blue. Foliage very attractive. Blooms in June. 5 ft. Germination 18 to 30 days.
Pkt. 15c; $\frac{1}{4}$ oz. 35c.

BEGONIA. (Tender Perennial). Free flowering plants with glossy foliage. Used as house plants. Sow seed in flat or pan and cover with glass until seed germinates. When plants are large enough to handle, transplant to 2 inch pots, shift to larger pots as plants grow. Germination 7 to 12 days.

Prima Donna. Light rose, 10 in. Crop failed.
Luminosa. Fiery scarlet, 10 in. Crop failed.
Mixed Colors.

Pkt. 10c.

BELLIS PERENNIS (Double or English Daisy) (Perennial). Low growing plants bearing large blooms. Its cheerful early bloom has made it a favorite bedding plant. Sow seed in shallow boxes in August. When plants are large enough, transplant into cold frame about 5 in. apart. Cover in cold weather. Transplant to open ground in early spring. Germination 5 to 10 days. Double red, pink, white or mixed.
Pkt. 15c.

BOCCONIA CORDATA (Plume Poppy) (Perennial). A splendid hardy perennial with beautiful foliage and spikes of creamy white flowers. 6 to 8 ft. July. Germination slow, best sown in late fall or very early spring.

Pkt. 10c; $\frac{1}{4}$ oz. 20c.

BOLTONIA, Latisquama (Perennial). A showy plant bearing in profusion, lavender pink daisy-like flowers. Blooms in September and October. An excellent cut flower. Very drought resistant. 3 to 4 ft. Germination 7 to 10 days.
Pkt. 15c; $\frac{1}{4}$ oz. 50c.



Brachycome

BRACHYCOME, Iberidifolia (Swan River Daisy) (Annual). A very graceful annual, 14 in. high, suited to borders and also attractive in pots. Seed may be sown under glass in February or March or in open after ground is warm. Germination 10 to 14 days. Mixed colors of blue, white, rose.
Pkt. 10c; $\frac{1}{4}$ oz. 35c.

BROWALLIA, Speciosa Major (Annual). Brilliant dark blue flowers borne in profusion. Excellent border plants also used for pot plants. Seed may be sown in open, but for best results seed should be sown indoors early and transplanted to open ground about May 10th. They will bloom until frost. 16 in. Germination 14 days.
Pkt. 25c.

CACALIA (Tassel Flower) (Annual). A pretty, free flowering plant with red tassel like flowers. 18 in. Sow seed outdoors after danger of frost. Blooms from June until frost. Germination 10 days.
Pkt. 10c; $\frac{1}{2}$ oz. 35c.

CALCEOLARIA (Pouch Plant or Lady Slipper) (Tender Perennial). Very attractive pot plants. Colors range through yellow, gold, orange, copper, scarlet, crimson with dark spots. Seed may be sown from the end of March to September. Sow in flats or pans in mixture of half peat moss and half sand. Cover seed very lightly with sifted peat. At a temperature between 60 degrees and 75 degrees seed will germinate in 14 to 20 days. Hybrida Grandiflora. Large flowering, mixed.

Pkt. 25c.

CALENDULA (Pot Marigold). Superb annuals which are very easily grown from seed. They start to bloom in early summer and continue until frost. Seeds are usually sown where the plants are to bloom, but may be sown indoors and transplanted. Germination 4 to 10 days.

Bodger's Pastel Mixture. A combination of lighter shades of yellow and orange. Dwarf plants, especially adapted for the home garden.
Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Chrysanth. 3 to 4 inch flowers. Stems 24 to 30 inches. Buttercup yellow.
Pkt. 15c.

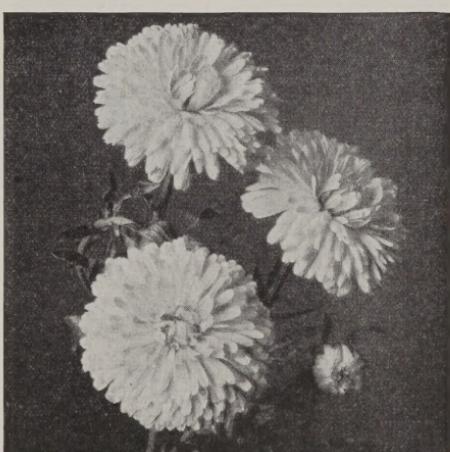
Campfire (Sensation). Large flowers of brilliant orange. Fine for forcing indoors.
Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Lemon Queen. Rich lemon yellow. Large flowers. Height 18 in.
Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Orange King. Bright orange. Height 18 in.
Pkt. 10c; $\frac{1}{2}$ oz. 35c.

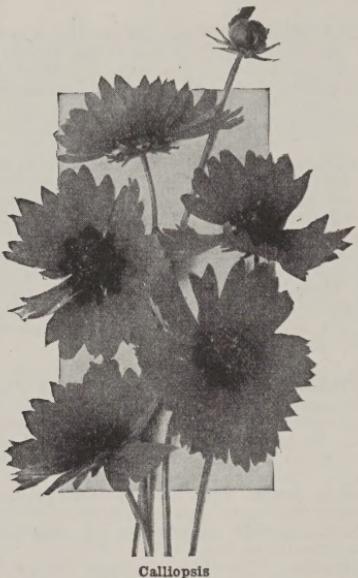
Orange Shaggy. Fringed and laciniated petals. Deep orange, shading to light at center of the flower, giving it a two tone effect.
Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Mixed. Yellow and orange shades.
Pkt. 5c; $\frac{1}{2}$ oz. 20c.



Calendula, Chrysanthas

St. Louis Seed Company Is a Dependable Source of Supply



Calliopsis

CALLIOPSIS (Tickseed) (Annual). Easily grown and exceedingly showy plants, which do well in almost any location. They bloom continuously and are fine for cutting. Seed may be sown outdoors where they are to bloom, in the fall, or early spring. Germination 8 to 12 days.

Crimson King. Velvetly crimson garnet. 12 in.

Pkt. 10c; 1/2 oz. 35c.

Golden Ray. Flowers rich maroon, edged with golden yellow. Height 14 in.

Pkt. 10c; 1/2 oz. 35c.

Dwarf Superb Mixture. In shades from golden yellow to maroon.

Pkt. 10c; 1/2 oz. 35c.

Tall Mixed. For beds and borders. 2 to 3 ft.

Pkt. 5c; 1/2 oz. 25c.

CAMPANULA (Canterbury Bells) (Annual, biennial or perennial). Very attractive flowering plants. Sow seed from May to September and transplant as soon as plants are large enough to handle. Germination 10 to 14 days. Protect with straw during winter.

Calycanthemum (Cup and Saucer) (Biennial). Erect plants 3 ft. tall, completely covered with large cup and saucer shaped flowers in May and June. Dark blue, light blue, rose and white.

Pkt. 10c.

Mixed colors. Pkt. 10c; 1/4 oz. 50c.

Medium (Single) (Biennial). 3 ft. tall with large single bell shaped flowers. Blue, rose, white and mixed.

Pkt. 10c; 1/4 oz. 35c.

Carpathica (Carpatian Hareball) (Perennial). Compact tufts not exceeding 8 inches high. Flowers held erect on wiry stems. It begins blooming in June and continues until October. Fine for edging or rock garden. Blue.

Pkt. 10c; 1/4 oz. 50c.

Pyramidalis (Chimney Bellflower). Produces spikes 3 to 5 ft. tall covered with star shaped flowers from June until October. Mixed.

Pkt. 15c; 1/8 oz. 50c.

Annual Canterbury Bells. Plants grow about 3 ft. high. Each plant having 6 to 8 spikes of blooms. Seed sown in March or early April will bloom in late summer and autumn of first year. Mixed.

Pkt. 10c; 1/4 oz. 30c.

CANARY BIRD VINE (Annual). A rapid growing climber, the charming little canary colored blossoms resembling a bird with its wings half expanded are produced throughout the summer. Sow seed where they are to bloom in spring after the ground is warm. Germination 10 to 15 days. Pkt. 10c; oz. 50c.

CANDYTUFT (Iberis) (Annual). One of the most popular annuals for borders or rock gardens. Sow seed in March to June where they are to bloom. Thin to 4 inches apart. Seed germinates in 7 to 12 days.

Giant Hyacinth Flowered. Large spikes, resembling well formed hyacinths on stout stems. Good for cut flowers. 12 in.

Pkt. 10c; 1/2 oz. 25c.

Umbellata. Compact varieties with clusters of small florets. They bloom in about 8 weeks from time of sowing. For succession of blooms, sowings should be made at 2 week intervals. Carmine, crimson, lavender, flesh pink, rose cardinal, white.

Pkt. 10c; 1/2 oz. 25c.

Mixed colors. Pkt. 5c; 1/2 oz. 15c.

CANDYTUFT (Perennial). Hardy Candytuft is of spreading habit and is covered with large flat clusters in late spring. Fine for rock gardens. *Gibraltarica.* White, shading to lavender. 8 in.

May.

Pkt. 10c; 1/4 oz. 35c.

Sempervirens. Pure white flowers. 8 in. May.

Pkt. 15c; 1/4 oz. 50c.



Hyacinth Flowered, Candytuft

CARDINAL CLIMBER (Annual). Vigorous vines, 10 to 15 ft. high. Producing an abundance of small bright red tubular flowers with star shaped rim. Sow seed in spring after danger of frost. Germination 10 days.

Pkt. 10c; 1/2 oz. 35c.

Use Tobacco Mulch for Your Lawn and Garden



Chabaud's Carnation

CARNATION. Their spicy fragrance and bright colors make them a great favorite. Fine for cutting. Seed sown in late summer will bloom the following spring. Germination 7 to 15 days.

Chabaud's Giant. Dark red, deep rose, white or mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Marguerite. Double flowers on good 14 in. stems. Needs protection in winter. Mixed colors.

Pkt. 5c; $\frac{1}{4}$ oz. 35c.

Grenadin (Perennial). This carnation has no equal for profuse blooming and hardiness. Double or semi-double blooms. Very fragrant. Scarlet, white, pink.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Mixed colors.

Pkt. 15c; $\frac{1}{4}$ oz. 90c.

CELOSIA (Coxcomb) (Annual). Vivid blossoms, some like graceful plumes, others forming dense clusters corrugated and frilled at edges. Sow seed outdoors in spring, after the ground is warm. Thin or transplant to 12 in. apart. Germination 7 to 10 days.

Flame of Fire (*Pyramidalis*). Perfect pyramidal formed plants 18 to 20 in. high, branching, and each branch has a portionally sized bright crimson plume at the end.

Pkt. 15c.

Thompson's Magnifica (*Plumosa*). The finest mixture of feathered Coxcomb. Plants grow 2 $\frac{1}{2}$ to 3 ft. tall, producing graceful feathered plumes in shades of red and yellow. Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

GLASGOW PRIZE (Dwarf Coxcomb). Large broad flower heads resembling a rooster's comb. Color dark crimson with handsome dark green foliage.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Dwarf Mixed. Rose, Crimson and yellow shades.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Celosia Childsi (see Woolflower).

CENTAUREA (Cornflower or Bachelor's Button) (Annual). One of the most popular annual plants. It will grow anywhere. As a cut flower it is excellent. Seed may be sown in late fall, or early spring where the plants are to bloom. Thin plants to 14 in. apart. Germination 7 to 21 days. 3 ft.

Double. White, blue and rose.

Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Mixed.

Pkt. 5c; $\frac{1}{2}$ oz. 15c.

Imperialis (Sweet Sultan). Large, double finely laciniated flowers on long stems. Desirable cut flower. Height 2 to 3 ft.

Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Americana. "Has everything" that a good garden flower should have. Strong plants, long stems, beautiful rosy-lilac blooms, delightfully fragrant. Good cut flower. Height 3 ft.

Pkt. 10c; $\frac{1}{2}$ oz. 30c.

Montana (Hardy Cornflower). Dwarf, bushy plants with large deep blue flowers. Blooms very early and intermittently through the season. Height 18 inches.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

ORNAMENTAL LEAVED CENTAUREA.

Candidissima. For edging beds where light grey-green foliage is desired. 8 in.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Gymnocarpa. Leaves not so light as Candidissima.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.



Centaurea Imperialis

CERASTIUM, Tomentosum (Snow in Summer) (Perennial). A rapid growing plant particularly adapted to edgings or rock gardens. Small white flowers are produced in great profusion. Sow seed in early fall, transplant when large enough to handle. Give light protection in winter. Blooms in April. Seed germinates in 10 to 14 days.

Pkt. 15c; $\frac{1}{4}$ oz. 40c.

CHINESE LANTERN (Physalis) (Perennial). An ornamental plant, 2 ft. high, bearing masses of bright orange lantern-like fruits, which can be cut and dried for winter bouquets. Sow seed from May to September. Plants will produce fruits the following season. Germination 14 to 20 days.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

The Best Seeds Made Better by Hormone Treatment

CHELONE BARBATA, Red (Turtlehead) (Perennial). Grows about 3 ft. high, with spikes of attractive flowers from pink to cherry red. Half shaded, moist places are preferable for these easily grown plants. Plants from seed sown in late summer will bloom from May to August the following season. Germination 10 to 21 days.
Pkt. 10c.



Cheiranthus

CHEIRANTHUS, Allioni (Siberian Wallflower) (Biennial). This little plant deserves a place in your rock garden or low border. The upright spikes bear many dazzling orange flowers. Though a hardy biennial it flowers the first season from early sown seed. 10 inches. Germination 7 to 12 days.

Pkt. 10c; 1/2 oz. 40c.

CHRYSANTHEMUM. May be grown from seed. Will bloom the first season and produce many new types and colors. Sow seed in early spring, transplant when 3 in. high. Germination 8 to 20 days. **Carinatum** (Double). Produces mostly double flowers in many shades of yellow, pink, red and white. 20 in. Half-hardy.

Mixed.

Pkt. 10c; 1/2 oz. 40c.

Double Early Flowering (Perennial). Blooms the first year from seed sown early. Mostly double. Many colors. Fine for cut flowers.

Pkt. 25c.

Single Mixed. Exquisitely colored daisy-like flowers. Height 1 1/2 ft.

Pkt. 10c; 1/2 oz. 35c.

CINNERARIA (Tender Perennial). Magnificent flowering plants for conservatory or winter garden. Germination 14 to 20 days.

Giant Prize. Semi-dwarf. 14 in. Mixed colors.

Pkt. 20c.

Multiiflora Nana Potsdam. A fine variety, producing an abundance of beautiful flowers. 12 in.

Pkt. 25c.

CLARKIA, Elegans (Annual). A pretty and easily grown annual. Does best in partial shade. Graceful plants with attractive light green foliage and bearing delicately colored double flowers in shades of pink, salmon, rose, and orange. 2 ft. Germination 10 days.

Double Mixed.

Pkt. 10c; 1/2 oz. 40c.

CLEOME, Gigantea (Spider Plant) (Annual). Among the shrubs or in the background where something attractive is wanted, plant Cleome. It will grow in most any soil and bloom throughout the summer. Sow seed in spring or early summer. Color, rosy-carmine. Height 3 to 4 ft. Germination 10 days.
Pkt. 10c; 1/2 oz. 45c.

CLIMBERS MIXED. A mixture of annual climbing plants. Many beautiful colors.
Pkt. 10c; oz. 25c; 1/4 lb. 75c.

CLEMATIS, paniculata (Perennial). A vine. Fleecy white flowers, produced in great profusion in August. Very fragrant. Germination uneven and slow.

Pkt. 10c; 1/2 oz. 35c.

COBAEA SCANDENS (Cup and Saucer or Cathedral Bells) (Annual). A rapid growing climber with handsome dark green foliage, producing large deep violet bell-shaped flowers. Sow seed in spring when ground gets warm where the plants are to bloom. Height 15 ft. Germination 15 to 20 days.

Pkt. 10c; 1/4 oz. 25c.

COLEUS (Tender Perennial). Ornamental foliage plants. Velvety leaves in many shades of red, green and yellow. Used for edging flower beds, window boxes, etc. Easily grown from seed. Sow in shallow boxes, keep moist and warm. Germination 12 to 20 days.

Rainbow Mixture.

Pkt. 15c; 1/8 oz. 75c.

COREOPSIS (Perennial). Very showy, free blooming plants, easily raised from seed and grow in most any soil. Germination 5 to 10 days.

Lanceolata, Grandiflora. Deep yellow single flowers, growing 2 to 3 feet high, from June to August.

Pkt. 10c; 1/2 oz. 25c; oz. 45c.

Lanceolata, Grandiflora (Double). Same habit as above with double yellow flowers.

Pkt. 15c; 1/4 oz. 40c.

Mayfield Giant. Large golden yellow daisy-like blooms with fluted petals. Produced on long stems, fine for cutting.

Pkt. 10c; 1/4 oz. 30c.



Cosmos Sensation

Grow Some Ornamental Corn for Winter Decorations, Pkt. 10c

COSMOS (Annual). Beautiful plants, growing 3 to 6 ft. in height, producing its attractive flowers from late summer until frost. Excellent cut flowers. Germination 8 to 10 days.

Sensation. Comes into bloom exceptionally early and has the largest flowers of the Cosmos family. 4 ft. Mixed colors.

Pkt. 15c; $\frac{1}{4}$ oz. 40c.

Mammoth Early Cosmos. The petals are broad-oval, forming a circular flower of perfect symmetry. Height 4 ft. Blooms from late July until frost. Crimson, pink, white and mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Giant Late Blooming. Plant grows 6 to 8 ft. high. Produces many large flowers in beautiful colors from September until frost. Lady Lenox (pink); Lady Lenox (white); crimson.

Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Giant Late Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; $\frac{1}{4}$ lb. \$1.50.

Hybrida. Finest Mixed. Plants 4 to 6 ft. Free flowering.

Pkt. 5c; oz. 35c.

Double Crested Cosmos (Early). Height 3 to 5 ft. Double or semi-double flowers with contrasting tuft or crest in center. Pink, crimson, white.

Pkt. 15c.

Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Orange Flare. Vivid orange blooms are produced freely throughout the summer. Good cut flower. Height 2 to 3 ft.

Pkt. 15c; $\frac{1}{2}$ oz. 50c.

COTTON (Annual). Grown for winter bouquets. Attractive plants and Hibiscus-like blossoms. Easily grown. Sow seed where plants are to bloom, as soon as ground is warm in spring. Germination 8 to 12 days. 3 ft.

Pkt. 10c; oz. 15c.

CRUCIANELLA, Stylosa (Perennial). An easily grown plant for rockery or edging beds. Tiny flowers in clusters are produced in great profusion. Color light red. Height 6 in. Sown early, it will bloom the first season. Germination 8 to 12 days.

Pkt. 10c.

CUPHEA (Firefly) (Annual). An attractive compact plant about 12 in. high, producing during the summer months, in great profusion, small, delicately formed fiery cerise-red flowers. Germination 14 to 21 days.

Pkt. 15c.

CYNOGLOSSUM, Amabile (Chinese Forget-Me-Not) (Annual). Strong plants, 18 to 24 in. high, producing sprays of intense blue Forget-me-not-like flowers. Good cut flower. Fragrant. Will grow in any garden soil. Germination 6 to 10 days.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Cynoglossum Firmament. A dwarf Chinese Forget-me-not. Bushy plants 12 to 14 inches. Produce a profusion of deep blue flowers. Very easily grown in any garden soil.

Pkt. 25c; $\frac{1}{4}$ oz. 75c.

CYPERUS, Alternifolius (Umbrella Plant) (Tender Perennial). A plant for growing in water or damp places, about fish pools. Makes ornamental house plants. Sow seed in flats or pots, keep wet. Germination 20 to 30 days. Height 2 ft.

Pkt. 15c.

CYPRESS VINE (*Ipomoea Quamoclit*). A beautiful annual vine, blooming from midsummer until frost. Star-like flowers and beautiful lace-like foliage. Sow seed outdoors in May. Germination 10 to 20 days. 15 ft. Scarlet, white.

Pkt. 5c; oz. 20c.

Mixed.

Pkt. 5c; oz. 15c.

DAHLIA (Tender Perennial). Seedlings do not come true to color or type. Sow seed early and transplant to open ground when four inches high. Dahlias will bloom the first year from early sown seed, and produce roots that may be dug, stored in sand and planted again the next season. Germination 5 to 20 days.

Cactus Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Double Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Single Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 50c.

Unwin's Dwarf Dahlias. Plants 2 ft. high, double and semi-double flowers.

Mixed colors.

Pkt. 25c.

DAISY SHASTA, Alaska (Perennial). Free flowering plants, large white flowers with yellow center. Excellent cut flowers. Seed sown in summer will bloom the following season. Germination 8 to 20 days.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

AFRICAN DAISY (See Dimorphotheca).

DATURA (Angels Trumpet). An exceedingly fine variety, bearing great trumpet-like flowers 6 to 8 in. long. Sow seed in spring when ground is warm, where they are to grow. Thin to 2 ft. apart. Height 3 ft. Germination 10 days.

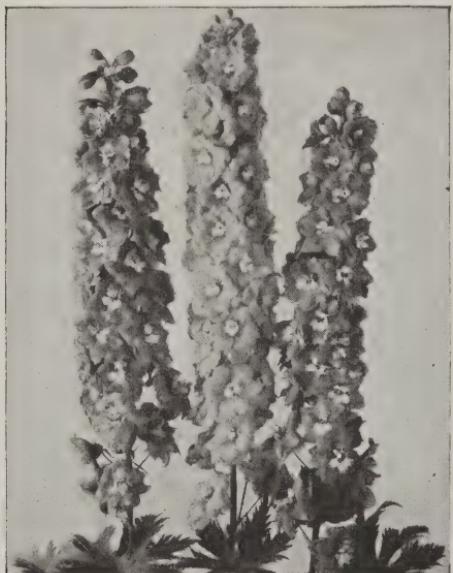
Wrightii. White, shaded lavender.

Pkt. 10c; $\frac{1}{2}$ oz. 30c.



Shasta Daisy

Hormone Powder Prevents Damping Off



Delphinium, Pacific Hybrids

DELPHINIUM (Perennial). Stately and handsome summer flowering perennials, especially valuable for supplying the garden with shades of blue. Delphiniums require a rich well drained soil. The plants are best grown in groups. Allow 12 to 18 in. between the plants. Seed sown in early fall will bloom the following spring. Germination 10 to 35 days.

Pacific Giants. The finest Delphiniums. Florets 2½ inches, well spaced in tapering spikes. Mixed colors. Pkt. 50c.

Blackmore Langdon Hybrids. One of the finest. The flowers are large, are produced on tall erect spikes. Color in delicate shades of blue, mauve and purple. Pkt. 25c; ½ oz. 75c.

Belladonna Improved (Cliveden Beauty). Large spikes, clear light blue flowers. True from seed. Pkt. 15c; ½ oz. 50c; oz. \$2.50.

Bellamosum Improved. A dark blue form of Belladonna. Pkt. 15c; ½ oz. 50c; oz. \$2.50.

English Wrexham (Hollyhock Strain). This mixture contains all the colors in Delphiniums. Graceful spire shaped spikes. Large, single and double flowers. Pkt. 25c; ½ oz. 75c.

St. Louis Seed Co.'s Hybrids. Plants are strong and vigorous, with long spikes and large flowers. The colors range from palest sky blue to purple. Pkt. 15c; ½ oz. 40c.

Chinese Blue. A lovely azure blue Delphinium, flowering the first season, from early sown seed. Height 18 in. Pkt. 10c; ¼ oz. 40c.

Chinese Mixed. A mixture containing light blue, dark blue, white. Pkt. 10c; ¼ oz. 30c.

DIANTHUS (Pinks) (Annual). Flowers are large and of most brilliant colors, varying from pure white to rich crimson. Many are beautifully laced or striped. Germination 5 to 15 days.

Sweet Wivelsfield. A hybrid cross between Dianthus Allwoodi and Sweet William. Seed started indoors in January and planted out in April will begin flowering in May. Height 10 in. Pkt. 15c; ½ oz. 30c.

Fireball. Large double, scarlet flowers. Compact plants. Height 10 in. A continuous bloomer. Pkt. 10c; ½ oz. 35c.

Snowball. Large double white flowers. Plants are the same as Fireball. Pkt. 10c; ½ oz. 35c.

Lacinatus Double. Large double or semi-double flowers. Many vivid colors. Blooms all summer. Height 12 in.

Mixed. Pkt. 10c; ½ oz. 35c.

Chinese Double. Flowers in clusters, many bright colors.

Mixed. Pkt. 5c; ½ oz. 30c.

Nobilis Single. Very showy, flowers 2 inches. Many beautifully striped and mottled.

Mixed. Pkt. 10c; ½ oz. 35c.

Hardy Dianthus (Grass or Spice Pinks).

Allwoodi. Flowering continuously from April until October. Mixed colors, double and semi-double flowers. Height 6 in. Pkt. 20c.

Caesius Grandiflora (Cheddar Pinks). Plants form dense tufts, bright rose pink, sweet scented. Flowers produced in May and June. Height 4 in. Pkt. 15c; ¼ oz. 50c.

Deltoides (Maiden Pink). A compact plant, producing in May, many fragrant rose pink flowers. Height 8 in. Pkt. 15c.

Latifolius. Double scarlet. A continuous bloomer. Pkt. 10c.

Plumarius, Cyclops. Single flowers, deep rose with crimson eye. Very fragrant. A continuous bloomer. Height 8 in. Pkt. 10c.

Plumarius, Single (Pheasant's Eye). A mixture containing all shades. Noted for its fragrance. Height 10 in. Pkt. 5c; ½ oz. 35c.

Plumarius, Double. Same as above with double flowers. Pkt. 10c; ¼ oz. 35c.

Fertilizer Is the Plant's Food, Use More

DICTAMNUS (Gas Plant) (Perennial). A very showy border plant, growing 3 ft. high, producing spikes of curious white and pink striped flowers. Sow seed in open in fall. They will germinate next spring. Transplant to permanent place the following fall. It is not advisable to disturb the plants very often, as they improve with age, producing taller flower stems and more of them as the plants grow older.

Pkt. 15c.

DIDISCUS, *Coeruleus* (Blue Lace Flower) (Annual). An easily grown annual. Seed sown in early spring will bloom from July until frost. The lacy flowers are lavender blue and are fine for cutting. Germination 12 to 20 days.

Pkt. 10c; $\frac{1}{4}$ oz. 25c.

DIGITALIS (Foxglove) (Perennial). Handsome plants. Have tall spikes of showy flowers during June and July. Sow seed in early summer, transplant to where plants are to bloom in fall. Protect in winter with coarse material that will not pack. Height 3 to 5 ft. Germination 10 to 15 days. Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

DIMORPHOTHECA (African Golden Daisy) (Annual). Spreading plants, producing many large daisy-like blossoms. Sow seed in spring or early summer in sunny position. Dark centers common to all varieties enhance their beauty. Germination 10 to 20 days.

Golden West. Buttercup yellow.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Improved Orange. Bright orange.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Salmon Beauty. Salmon.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Ringen's White. Blue center.

Pkt. 10c; $\frac{1}{4}$ oz. 40c. Mixed. Pkt. 10c.

DOLICHOS (Hyacinth Bean) (Annual). A rapid growing climber, producing spikes of pea-like flowers and deep green heart-shaped leaves. Sow seed in spring where they are to bloom. Height 15 ft. Germination 8 to 12 days.

Purple, White, Mixed.

Pkt. 5c; oz. 15c.

Lignosus (Australian Pea Vine). Rose colored pea-like flowers.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

DRACAENA, *Indivisa* (Dragon Plant) (Tender Perennial). Ornamental plants, with long narrow green foliage. Used for house plants or vases. 2½ ft.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

ERYSUMUM PEROFSKIANUM (Annual). When planted thickly, these plants are very attractive. The upright spikes bear clusters of bright orange flowers. It is easily grown and blooms freely. Sow seed in early spring where plants are to bloom. Germination 10 days. Height 1½ ft.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

ESCHSCHOLTZIA (California Poppies) (Annual). When grown in masses, scarcely any plant produces a greater effect. Sow seed in late fall or very early spring where they are to bloom. Plants grow from 15 to 20 in. in diameter and are 12 in. high, blooming in 60 days after germination. *Californica*. Bright yellow.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Carmine King. Carmine rose.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Ramona. Coppery orange (frilled petals).

Pkt. 10c; $\frac{1}{8}$ oz. 35c.

ESCHSCHOLTZIA—Continued
Mixed.

Pkt. 5c; $\frac{1}{2}$ oz. 25c; 1 oz. 45c.

EUPHORBIA (Poinsettia) (Annual).

Variegata (Snow on the Mountain). Green foliage, margined white. Grows well in poor, dry soil. Height 2 to 4 ft.

Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Heterophylla (Mexican Fire Plant or Summer Poinsettia). A garden plant resembling the beautiful hothouse Poinsettia. Easily grown from seed in sunny garden. May be used for pot plant. Height 2½ ft. Germination 8 to 12 days.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

EVERLASTING or **STRAWFLOWER MIXTURE** (Annual). A fine mixture for the garden. If cut when partially opened and dried slowly in cool place, heads downward, to keep the stems straight, they make good winter bouquets. Sow seed in spring, after ground is warm. Germination 5 to 15 days.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

FERN SPORES.

Mixed. Greenhouse species. Crop failed.

Hardy Species for Outdoors. Crop failed.

FEVERFEEW (Matricaria). These are perennials, usually treated as annuals. Seed sown in early spring will bloom the first season. The small double flowers are ideal for cutting. Blooms from June to October. Germination 10 to 15 days.

Double White. Height 2 ft.

Pkt. 10c; $\frac{1}{2}$ oz. 50c.

Golden Ball. Height 10 in.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

FOUR O'CLOCK (Marvel of Peru) (Annual). Bushy plants, 2½ ft. high, suitable for growing as a hedge. The flowers open in late afternoon and remain open all night, closing the next morning in the heat of the sun. They will grow in any garden soil and bloom all summer. Germination 8 to 20 days.

Mixed Colors.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c.

FUCHSIA (Eardrops) (Tender Perennial). Used as indoor pot plants, also outdoors in moist places. Height 2 ft.

Pkt. 25c.

FORGET-ME-NOT (Myosotis) (Tender Perennial). Beautiful deep green foliage, above which rise pretty clusters of dainty little blossoms. They are quite hardy, although do need some protection in severe weather. Best planted in moist partially shaded places. Sow seed in late summer and transplant when plants are large enough to handle, 4 inches apart. Move to where they are to bloom very early in spring. Germination 10 to 15 days.

Palustris Semperflorens. An excellent variety for planting in damp places around edge of fish pools where they bloom all summer. Color, Forget-Me-Not blue. Height 8 in.

Pkt. 15c; $\frac{1}{8}$ oz. 75c.

Indigo Blue. Flowers produced in sprays 8 in. long. Fine for cutting.

Pkt. 10c.

Victoria Rose. 8 inches. Rose pink. Crop failed.

Victoria Blue. 8 inches. Azure blue. Crop failed.

Mixed colors.

Pkt. 10c.

The Keene Portable Hot House Grows Better Plants (Page 51)



Gaillardia



Gerbera

GAILLARDIA (Perennial). Showy garden plants, producing from early summer until frost, gaily colored flowers, on long stems, suitable for cutting. Very easily grown from seed, which germinates in 5 to 10 days and blooms the first season. Burgundy. Wine red blooms $2\frac{1}{2}$ in. in diameter on straight stems. Free bloomer.

Pkt. 10c; $\frac{1}{8}$ oz. 30c.

Portola Hybrids. Large, bright yellow flowers with bronzy red center.

Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Dazzler. Often 4 in. in diameter. Color bright golden yellow with rich maroon red center. It is constantly in bloom.

Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Compacta Mixed. Bushy plants, flowers well above the foliage.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Blanket Flower (Annual). Splendid showy annuals, remarkable for the profusion and brilliancy of their flowers, continuing in bloom from early summer till November. $1\frac{1}{2}$ ft. Double or single mixed.

Per pkt. 5c; $\frac{1}{2}$ oz. 35c.

GERANIUMS (Tender Perennial). Usually propagated from cuttings, but readily grown from seed which is the only way of discovering new varieties. Sow seed in flats indoors, transplant to open ground in April or May. Well drained soil. Germination 8 to 12 days. Height 18 in.

Zonale Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 40c.

GERBERA (Transvaal Daisy) (Tender Perennial). **Jamessoni** Hybrids. Daisy-like flowers are produced on leafless stems. Colors, pale amber, yellow, salmon, rose and ruby. Plant in full sun, in moist, peaty soil. Should be protected carefully during winter. Germination 20 to 30 days.

Pkt. 25c.

GEUM (Perennial). Beautiful plants producing many attractive double flowers on good stems. Plant in good garden soil that is well drained. Plants should be protected in winter with coarse material that will not pack. Germination 6 to 10 days.

Lady Stratheden. Golden yellow.

Pkt. 15c; $\frac{1}{8}$ oz. 30c.

Mrs. Bradshaw. Orange scarlet.

Pkt. 15c; $\frac{1}{8}$ oz. 30c.

GILIA, Capitata. Attractive plants with bright blue globular flower heads. Grow in most any soil and begin to bloom in 10 to 12 weeks after sowing. Germination 6 to 10 days.

Pkt. 10c; $\frac{1}{2}$ oz. 25c.

GODETIA (Annual). Do best in rather poor soil and partial shade. The satiny azalea like flowers, in many colors, make good cut flowers. Height 12 in. Germination 6 to 10 days.

Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

GOMPHRENA (Globe Amaranth or Bachelors Buttons) (Annual). They are sometimes called Everlasting Flowers, that resemble clover heads. Used for winter bouquets when dried. Height 15 in. Germination 10 days.

Pink, Purple.

Pkt. 10c.

Mixed.

Pkt. 5c.



Ornamental Gourds

GOURDS, Ornamental (Annual). Rapid growing vines for covering screens or arbors. The fruits are used for table decorations and other ornamental purposes. Plant seeds where they are to grow, in spring, after ground is warm. Germination 5 to 15 days.

Calabash. Used for making pipes.

Dipper. Easily made into long handled dipper.

Dishcloth. The spongy interior makes excellent dish or bath cloths.

Hercules Club. The longest of all gourds.

Japanese Nest Egg. Used for making wren houses.

Sugar Trough. Bottle-shaped fruits with thick durable skin. Any of above:

Pkt. 5c; $\frac{1}{2}$ oz. 25c.

Small Varieties. **Mixed**. Pkt. 5c; $\frac{1}{2}$ oz. 25c.



The Modern Way to Destroy Moles in Garden and Lawn

MOLE-NOTS, a specially prepared mole-food, the boon long sought for counteracting the havoc and damage caused by moles. In prepared bait form, no mixing necessary. Pkg. 35c.

Our Seeds Are Hormone Treated

GREVILLEA, Robusta (Silver Oak) (Tender Perennial). A graceful decorative pot plant with fern-like foliage. 3 ft. Easily grown from seed. Germination 10 days.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

GYPSOPHILA (Baby's Breath). Graceful plants much in demand for cutting and combining with other flowers. They will grow in any soil that is not too heavy and has been limed. Plant in sunny position. Germination 8 to 20 days.

Paris Market. White. Annual. Pkt. 10c; oz. 25c.
Rosea Elegans. Rose. Annual. Pkt. 10c; oz. 35c.
Paniculata. Single white flowers in July. 3 ft. Perennial.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Paniculata Pl. Pl. Double white flowers in July. 3 ft. Perennial.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Pacifica. Double rose colored flowers in August. 3 $\frac{1}{2}$ ft. Perennial.

Pkt. 15c.

Repens (Perennial) (Dwarf Baby's Breath for rock gardens). 6 in. Blooms in June. Pink and white mixed.

Pkt. 10c.

HELIANTHUS, Orygialis (Column Flower) (Perennial). Before blooming the plants are wide pillars of deep green waving foliage, then quickly they double in height, each stem topped with a branching panicle of bright golden yellow flowers. Seed may be sown any time. Germination 20 to 30 days.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

HELIANTHEMUM, Mutabile (Rock or Sun Rose) (Perennial). Dwarf shrubby plants for a sunny place in the rock garden. Soil should be sandy and well drained. Flowers in rose, pink and white in May and June. Sow seed in late summer and these plants will bloom the next spring. Height 10 in. Germination 14 to 20 days.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

HELICHRYSUM (Annual). Most popular of the everlasting flowers. Sow seed early. Transplant to open, when ground is warm. Flowers should be cut when half open and hung head down to dry. Height 3 ft. Germination 5 to 10 days.

Canary Yellow

Fireball (Crimson)

Salmon Pink

Violet Queen

Rose

Golden Ball

Silver Ball

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Mixed Colors. Pkt. 5c; $\frac{1}{2}$ oz. 25c.



SMALL
MEDIUM
LARGE

\$1.00 per Pair



Hibiscus

HELIOTROPE (Tender Perennial). Delightfully fragrant flowering plants, growing 18 in. high. For pots or outdoor bedding.

Giant Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 35c.

HEUCHERA, Sanguinea Splendens (Perennial). The plants make low compact mats of deep green leaves tinged red from which rise slender stems with clusters of tiny carol pink bell-like flowers. Height 12 in. Bloom in May and June. Germination 12 to 20 days.

Crop failed.

HIRISCUS (Mallow) (Perennial). Large flowers are produced on strong plants 4 ft. high. Flowers in shades of red, pink, rose and white. Blooms in August and September. Seed sown in fall will germinate the following spring. A moist, well drained soil suits them best.

Mixed Colors.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

HOLLYHOCK (Althea) (Perennial or Biennial). Showy plants 4 to 8 ft. tall, blooming during June and July. Excellent background for lower growing plants. Seed sown in late summer will bloom the following spring. Easily grown.

Chater's Superb Double. An extra fine strain.

Crimson	Maroon
Yellow	Deep Rose
Newport Pink	Mixed
White	

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Imperator. Large flowers, frilled and deeply fringed petals. In the center is a very double rosette.

Mixed Colors.

Pkt. 15c; $\frac{1}{8}$ oz. 35c.

Single Flowered. Flowers large, plants tall and very hardy.

Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

HOLLYHOCK (Annual). Seed sown in early spring will bloom the same season.

Indian Spring. Semi-double and double flowers, nicely fringed, in shades of pink. 4 to 5 ft. stems and continues to bloom on side shoots after the main stem has been cut away.

Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Double Everblooming. Mixed Colors.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

We Supply Only the Best Seed

HONESTY, *Lunaria* (Moonwort or Dollar Plant) (Biennial). This plant is grown for its seed pods which, when dried are used for winter bouquets. Plant in fall or very early spring in ordinary garden soil. Plants should be 18 to 24 in. apart for proper development. Height 3 ft. Germination 15 days.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

HOP, Japanese Variegated (Annual). A rapid growing vine, easily grown from seed, foliage variously streaked and splashed with white. Plant seed where they are to grow.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.



Hunnemannia

HUNNEMANNIA, *Fumariaefolia* (Santa Barbara Poppy) (Annual). The plants grow into a shrubby bush, 1½ ft. high and produce large golden yellow poppy-like flowers on good stems for cutting. Easily grown in sandy, well drained soil that has been limed. Sow seed where they are to bloom.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

ICE PLANT (*Mesembryanthemum Crystallinum*) (Annual). Flat, fleshy leaves covered with glistening crystal-like dots. Small flowers, white to rose pink. Sow seed in mixture of sand and peat. Transplant when large enough to handle. Spreading plants, 4 to 6 in. high. Germination 6 to 10 days.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

IMPATIENS, *Sultani* (Tender Perennial). Grown as a house plant in pots, it cannot be surpassed. The seeds are large and germinate in 6 to 10 days. They bloom continuously in winter.

Crop failed.

INCARVILLEA HYBRIDS (Perennial). Hand-some pinnate leaves and showy trumpet-shaped flowers, borne in clusters, white to deep rose. Plant in rich, well drained light soil, 12 in. apart. Will bloom first season from early sown seed. Germination 10 days.

Mixed.

Pkt. 15c.

KOCHIA (Fire Bush) (Annual). The plants develop rapidly, forming perfect globes of green feathery foliage, which turn red after frost. Will grow in any soil. Used as an annual hedge. 2 to 3 ft. Germination 8 to 12 days.

Pkt. 5c; 1 oz. 25c.

KUDZU VINE (Perennial). Large heart-shaped leaves, with clusters of rosy purple pea-shaped flowers. Tops die back in winter but new shoots appear early the next season. Germination 60 to 180 days.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

LANTANA HYBRID (Tender Perennial). A rapid growing plant bearing small flowers in clusters. Used for pots, window boxes or in the garden. Seed germinates slowly, sometimes requiring several months. It is best to start indoors in January or February.

Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

LARKSPUR (Annual Delphinium). Unsurpassed for massing in the border or as a cut flower. Sow seed anytime from September to April in open ground. Normal germination 15 to 25 days. Double Stock Flowering. 3 to 4 ft. tall, producing many fine spikes for cutting.

Dark Blue

Sky Blue

Rosy Scarlet

Rose

Lilac

LaFrance Pink

White

Rosamond

Carmine

Pkt. 10c; $\frac{1}{2}$ oz. 30c.

Mixed.

Pkt. 5c; $\frac{1}{2}$ oz. 25c.

Giant Imperial Branching. Flower stems 3 to 4 ft. long and branch from the base of the plant. Blue Spire. Deep blue.

Exquisite Pink. Soft pink.

Lilac Queen. Lilac.

Carmine King. Deep carmine.

Exquisite Rose. Deep rose.

Miss California. Salmon pink.

White King. Pure white.

Giant Imperial Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Emperor Dwarf Branching. Produce an abundance of slender spikes in most delicate colors. Height 24 in.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Giant Hyacinth Flowered. Flowers large, very double.

Mixed Colors.

Pkt. 10c; $\frac{1}{2}$ oz. 45c.

LAVATERA, Rosea Splendens (Annual Mallow). A showy annual, growing about 2 ft. high, producing hibiscus like flowers all summer. Color, deep rose pink. Very easily grown in any garden soil. Blooms quickly from seed. Germination 8 to 12 days.

Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LEPTOSIPHON HYBRIDS (Annual). A tiny plant with dainty little flowers of every imaginable color. Seed should be sown where plants are to bloom. Easily grown in most any soil. Germination 10 days.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

LIATRIS (Blazing Star) (Perennial). Plants are very hardy, will thrive in any garden soil, and stand drought very well. The rosy violet flowers are produced on spikes. Seed should be sown in fall. They will germinate the next spring. Height 3 to 4 ft. Blooms in July and August.

Pkt. 10c.

Inoculate Lupines with Nitragin

LILY REGALE (Perennial). The flowers are white, slightly suffused with pink outside. The throat inside is a beautiful shade of canary yellow. Bloom in June. Sow seed in light soil, cover with sand. Seed will germinate in 10 to 20 days. Transplant to permanent place in fall or early spring. Seedlings will bloom in their second year. Height 3 ft. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

LINARIA, Cymbalaria (Kenilworth Ivy) (Perennial). A pretty trailing plant for the rock garden or window boxes. Will bloom first season from early sown seed. Flowers lilac with yellow throat. Germination 10 to 18 days.

Pkt. 15c.

Maroccana (Fairy Bouquet) (Annual). Dainty flowers resembling miniature snapdragons. Compact plants 12 to 16 in. high. Blooms in 8 weeks from seed. Germination 6 to 10 days. Pkt. 15c.

LINUM (Scarlet Flax) (Annual). Produces clusters of saucer-shaped flowers of bright scarlet with dark centers. Height 15 in. Sow seed early in spring where they are to bloom. Germination 10 days.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

LINUM PERENNE (Blue Flax) (Perennial). A very desirable plant for the hardy border. Light green foliage with light blue flowers from May until August. Germination 8 to 12 days.

Pkt. 10c; $\frac{1}{2}$ oz. 45c.

LOBELIA (Annual). A very effective dwarf garden plant. All differ in habit. All annuals have blue flowers. Plants grow 4 to 6 in. high. Seeds are very small. Sow in flats of fine soil and peat moss. Transplant when seedlings have two leaves. Germination 8 to 15 days.

Crystal Palace Compacts. Dainty deep blue flowers and bronze foliage.

Pkt. 10c; $\frac{1}{8}$ oz. 30c.

Florist's Favorite Compacts. Brilliant dark blue, with white eyes.

Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Sapphire (Trailing Lobelia). Flowers are rich purplish blue with white eye. Valuable for rock garden and hanging baskets.

Pkt. 15c.

Cardinalis (Perennial). Rich cardinal red flowers on spikes 2 to 4 ft., should be planted in moist soil.

Pkt. 25c.

LUPINUS, Hartwegi (Annual). Annual Lupines are among the most useful garden flowers for either border or house decoration. Pea-like flowers produced on spikes 2 to 3 ft. high. Prefer partial shade and light soil. Lupine seed should be inoculated with Nitragin before planting.

Dark Blue	White
Rose	Mixed

Sky Blue
Pkt. 10c; oz. 35c.

Lupinus (Perennial). Stately spikes 3 to 4 ft. tall. Do best in a sheltered well drained position.

Blue	Yellow
White	Mixed

Rose
Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Russell's Lupines. Pea-like flowers closely set on spikes 3 to 4 ft. tall. All flowers open at once. Many new colors never before seen in Lupines.

Pkt. 25c.

LYCHNIS, Chalcedonica (Jerusalem Cross) (Perennial). Easily grown. Attractive plants. Fiery red flowers in clusters from June to August. Height 3 ft. Plants grow in any garden soil. Very hardy.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

MARIGOLDS, Tagetes (Annual). No garden is complete without Marigolds. They are easy to grow and bloom profusely from midsummer until frost. Sow seed in garden when ground is warm in spring. Transplant when 3 in. high. Germination 4 to 10 days.

Signata Pumila. A dwarf Marigold, 6 to 8 in. high, covered with small bright yellow flowers with brown stripe down center of each petal.

Pkt. 15c.

Crown of Gold. An orange Marigold, winner of All-America Gold Medal, 1937. The blossoms have short, curled and quilled center petals, surrounded by flat drooping outer petals. The foliage is odorless.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Early Sunshine. An early flowering Chrysanthemum type Marigold. Plants are bushy and grow 24 in. high. Flowers 2 to $2\frac{1}{2}$ in., incurved petals, color lemon yellow.

Pkt. 25c.

Guinea Gold. Deep golden yellow, carnation like flowers. Height 2 to $2\frac{1}{2}$ ft.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Lemon All Double. Tall plants bearing large double lemon yellow blooms. Height 3 to 4 ft.

Pkt. 15c.

Orange All Double. Deep orange blossoms. Height 3 to 4 ft.

Pkt. 15c.

Lemon Queen. Tall plants, bearing double quilled petaled flowers. Color lemon yellow. Height 3 to 4 ft.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Orange Prince. Plant growth the same as Lemon Queen. Has bright orange flowers.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Yellow Supreme. Light yellow blossoms, 3 in. in diameter with broad, quilled petals.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Double Tall Mixed.

Pkt. 5c; $\frac{1}{2}$ oz. 35c.

MARIGOLDS, Dwarf French.

Legion of Honor (Little Brownie). Single bright yellow blossoms with dark blotch on each petal. Compact plants, 12 in. high.

Pkt. 5c; $\frac{1}{2}$ oz. 25c.

Harmony. Compact plants 14 in. high, double blossoms, center petals bright orange surrounded by 4 or 5 rows of reddish brown outer petals.

Pkt. 15c; $\frac{1}{4}$ oz. 25c.

Golden Ball. Fully double flowers, deep golden yellow. Height 12 in.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Dwarf Royal Scott. Double flowers in profusion, color alternate mahogany and gold. Height 15 in.

Pkt. 15c.

Monarch Strain Double Mixed. Fully double flowers, mostly mahogany, striped or edged with yellow.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

For a Beautiful Lawn Sow HAVALAWN Grass Seed

MATTHIOLA, Bicornis (Evening Scented Stock) (Annual). Many small mauve colored flowers resembling those of single Stock. Fragrant in the evening or after a shower. Sow seed in early spring where they are to bloom. Light well drained soil is best. Germination 10 to 14 days. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

MIGNONETTE (Reseda) (Annual). A well known annual producing dense cone shaped flower spikes of thickly set florets. Sow seed where plants are to bloom. Very fragrant. Rich light soil and partial shade is best. Germination 8 to 12 days. Defiance. Flower spikes 12 in. long and will keep for days after cutting, holding their fragrance. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Golden Machet. Golden yellow spikes 9 in. long. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Red Goliath. Spikes 6 to 8 in. long, rose colored. $2\frac{1}{2}$ in. in diameter. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

Large Flowering Mixed.

Pkt. 5c; oz. 35c.

MARVEL OF PERU (See Four O'Clock).

MIMULUS (Annual). Showy profuse flowering plants, fine for partly shaded moist places.

Moschatus (Musk Plant). Small yellow flowers, fragrant foliage. Height 10 in. Pkt. 10c.

Tigrinus (Monkey Flower). Plants 8 in. high with tubular shaped flowers. Mostly yellow with brown spots.

Pkt. 10c.

MINA-LOBATA. A Mexican climber with flowers from July to October. The vine is clothed with large heart shaped leaves and bears many handsome sprays. Buds are scarlet, as the blossoms expand they turn to brilliant orange. Sow seed in spring where they are to bloom. Germination 7 to 10 days. Annual.

Pkt. 10c.

MORNING GLORIES (Ipomoea) (Annual). Rapid growing climbers that will grow in any soil. Seed will germinate better if they are soaked in warm water 24 hours before planting.

Cornell. Large blooms 4 in. in diameter. They are an intense shade of Cornelian red with a border of pure white. Plants begin to bloom when 3 ft. high and continue until killed by frost. Foliage bright green. Pkt. 25c.

Heavenly Blue (Early Flowering). Flowers $2\frac{1}{2}$ to 3 in. across. Sky blue with white throat. Profuse bloomers during a long season. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Imperial Japanese. Flowers very large, colors shades of red, pink, blue, mostly edged in white. Pkt. 10c; oz. 25c.

Scarlet O'Hara. Rich dark wine red flowers are 4 in. in diameter. A free bloomer. A rapid growing vine. Pkt. 15c.

Setosa (Brazilian Morning Glory). Flowers large, color rosy lilac. Foliage wide, three lobed resembling that of the grape vine. The stems are covered with stiff purple hair. Very attractive. Pkt. 10c; oz. 30c.

St. Louis Seed Co.'s Japanese Giant. Flowers large, many odd colors and markings. Pkt. 15c; $\frac{1}{2}$ oz. 30c.

Fine Mixed. A mixture of many colors. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

MOONFLOWER (Ipomoea) (Annual).

White. One of the most vigorous summer climbers. Under favorable conditions the plants will grow 30 to 40 ft. In the evening and on cloudy days the plants are covered with large, white fragrant flowers. Soak seed 24 hours before planting.

Pkt. 10c; oz. 35c.

Blue. A strong variety with broad smooth leaves and lilac blue flowers.

Pkt. 10c; oz. 35c.

Pink. Soft lilac pink flowers.

Pkt. 10c; oz. 35c.



Ipomea, Heavenly Blue

NASTURTIUM (Annual). These free flowering plants bloom best in soil that is not too rich. They come in a great variety of colors. Sow seed in open, 10 in. apart, after ground is warm. Germination 7 to 12 days.

Golden Gleam. The golden yellow flowers are double and delightfully fragrant. The stems are long and wiry, making them an ideal cut flower. Height 18 in.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Scarlet Gleam. Same growth and habit as Golden Gleam with orange scarlet flowers.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Gleam Hybrids. Colors range from pale yellow to scarlet.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Shaws Garden Hybrid. A fine mixture of many brilliant colors. Flowers are large; on good stems held well above the foliage. Dwarf.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.35.

Hybrids of Madam Gunther. Plants about 6 ft. tall. There are many beautiful colors. Used for trellises or to trail over banks.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.35.

NEMESIA. Dainty flowers in many bright colors, often the lower parts of the flower contrasts in color with upper part. Plants low and compact. Germination 10 to 14 days. Height 6 in.

Mixed Colors.

Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Pansies Are Welcome in Any Garden

NEMOPHILA (Annual). Nemophilas are dwarf compact plants and produce an abundance of showy bell shaped flowers from spring to late summer. Colors in shades of blue and white. Thrive in moist shady places. Sow seed where they are to bloom. Height 6 in. Germination 8 to 12 days.

Mixed.

Pkt. 10c; oz. 45c.

NICOTIANA (Ornamental Tobacco) (Annual). The graceful stems, slightly branching, rise above vivid green leaves and bear beautiful trumpet like flowers which are delightfully fragrant. Sow seed early indoors and transplant or sow outdoors when ground is warm. Will grow in any garden soil. Germination 5 to 12 days.

Affinis Hybrids. A variety of colors, including white, lavender, purple, rose and red. Height 2½ ft.

Pkt. 10c; ½ oz. 25c.

Sanderiae. Bushy plants 2 ft. high, producing an abundance of carmine red flowers all summer. Pkt. 10c; ½ oz. 40c.

NIEREMBERGIA (Annual).

Hippomanica. A dwarf growing plant with lavender blue blossoms with a touch of yellow at the center. Foliage fine, bright green. Plants begin to flower when 2 in. high and continue until frost in spite of drought and heat. Pkt. 15c.

NIGELLA (Love In a Mist) (Annual). Nigellas require very little care. The seed should be planted where they are to bloom. Thin to 8 in. apart. Interesting flowers and seed pods. Germination 10 to 15 days.

Miss Jekyll. Double blue. Height 18 in.

Pkt. 10c; ½ oz. 30c.

Double Mixed. Shades of blue and white.

Pkt. 10c; oz. 35c.

OENOTHERA (Evening Primrose) (Annual, perennial or biennial). Seed sown in late summer will bloom the following season. They prefer rather dry soil and full sun. Germination 6 to 15 days.

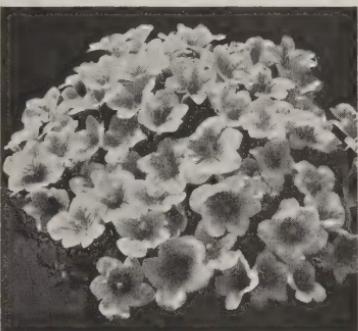
Lamarckiana. Branching plants 2 to 3 ft. high. Large golden yellow poppy like flowers, opening in late afternoon. Bloom from June to September.

Pkt. 10c; ½ oz. 25c.



Steele's Jumbo Mixed

PEONY. Sow in flats or pans anytime. Seeds germinate slow and uneven but if given time they will come. When plants are 4 inches high transplant to open ground. Peonies are easy to grow from seed. Many interesting colors and types may appear.
Pkt. 25c.



Nierembergia Hippomanica

ST. LOUIS SEED CO.'S GIANT PANSIES. Seed sown in late August and September will make fine plants and bloom the following spring. May also be planted in spring for summer and fall blooms. Sow seed in well pulverized soil, cover lightly and keep moist at all times. A situation sheltered from high wind and exposed to morning sun is most favorable. Frequent sprinklings are advantageous.

Steele's Jumbo Mixed. These are the largest flowered of all pansies. This splendid mixture contains all colors.

Pkt. 50c; 1/16 oz. \$1.00.

Swiss 400 Mixed. A grand mixture. Huge jewels of velvet red and gold with variations of those colors.

Pkt. 35c; 1/16 oz. 75c.

Steele's Miracle Mixed. A superior mixture containing the finest types.

Pkt. 25c; 1/16 oz. 65c.

Masterpiece Mixed. A grand giant pansy having the edges of the petals waved or frilled which gives the flower an almost double appearance. Pkt. 15c; 1/16 oz. 50c.

Imperial Giant Mixed. They embrace all the solid or self-colors delicately shaded, of various colors, dark and light marbled with clear, distinct eyes.

Pkt. 15c; 1/16 oz. 35c.

Fine Mixed. The flowers of this splendid mixture are of good size, very fine form and colors. Pkt. 5c; ½ oz. 40c.

Trimardeau Giant Mixed. Extra large flowers. Most of the flowers have three large blotches or spots.

Pkt. 10c; ¼ oz. 75c.

Viola Cornuta (Tufted Pansies) (Perennial). Few plants are of more general usefulness in the garden or possess more good qualities than the Viola Cornuta.

Light Blue.

Yellow.

Pkt. 10c; ½ oz. 60c.

Dark Blue.

Mixed.

Many Beautiful Flowers Can Be Grown at Small Cost



Petunias

ST. LOUIS SEED CO.'S SELECTED PETUNIAS.

Seed may be sown in late fall or spring. Soil should be well pulverized. Seed which is very fine should be sown on the surface and watered into the soil. The double and ruffled sorts will germinate better if started in flats or pans indoors, then transplanted to open when plants have their second leaves. Germination 7 to 20 days.

PETUNIAS DWARF OR BEDDING. These plants only grow about 12 in. high and while branching freely from the base they nevertheless remain quite compact.

Celestial Rose. Plants dwarf, compact. Flowers 2 in. across, borne in profusion. Color bright rose with white throat.
Pkt. 15c.

Cockatoo. The flowers are a velvety violet-purple with irregular sized white spots. Pkt. 10c.

Crimson. A beautiful deep red. Of compact growth. Pkt. 10c; 1/8 oz. 35c.

Glow. All-America Selection—1939. A dwarf compact variety, *Hybrida Nana Compacta*, of bright rose-red with lighter throat. Extremely free flowering. Pkt. 25c.

Heavenly Blue. Light or silvery blue.
Pkt. 10c; 1/8 oz. 35c.

Little Blue Star (Nana Compacta). Plants very dwarf and compact. Blue, regularly starred with white.
Pkt. 15c.

Rose Gem (Nana Compacta). A miniature Petunia of compact growth about 6 in. high with rose pink flowers.
Pkt. 15c.

Rose of Heaven. Color rich brilliant rose, darker than Rosy Morn.
Pkt. 10c; 1/8 oz. 35c.

Rosy Morn (Improved). Compact in habit, producing throughout the summer an abundance of clear rosy pink flowers.
Pkt. 10c; 1/8 oz. 35c.

Salmon Supreme. Color, light salmon with white throat. Flowers 1 1/2 in. across on 12 in. bushy plants. A heavy bloomer over long season.
Pkt. 35c.

Snow Queen. A fine compact sort, producing pure satiny white flowers.
Pkt. 10c; 1/8 oz. 35c.

Striped and Blotched. Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder.
Pkt. 10c; 1/4 oz. 40c.

Velvet Ball. A very attractive bedding Petunia. Large mahogany red blooms. Compact plants.
Pkt. 35c.

Violet. A fine companion to Rosy Morn, same habit. Color violet-blue.
Pkt. 10c; 1/8 oz. 35c.

Dwarf Mixed. Plants compact growing. A choice mixture of many shades and colors. Very desirable for beds.
Pkt. 10c; 1/4 oz. 40c.

PETUNIAS HALF DWARF. All of the following are wonderfully effective in beds and borders. 18 in. high.

General Dodds. Blood red; one of the best red Petunias. Free blooming.
Pkt. 10c; 1/8 oz. 35c.

Howard's Star. Color crimson-maroon with a clearly defined five-point star of bluish white.
Pkt. 10c; 1/8 oz. 35c.

Extra Choice Mixed. Made up from named large flowering sorts.
Pkt. 10c; 1/4 oz. 40c.

Fine Mixed.
Pkt. 5c; 1/2 oz. 40c.

PETUNIAS DOUBLE.

Double Flowering Fringed Mixed. A rich assortment of the finest double strains. The finely formed, fully double blooms are beautifully ruffled and fringed.
Pkt. 50c.

PETUNIAS FRINGED AND RUFFLED.

Dwarf Giants of California. Extra large flowers, which are fringed; the colorings, markings, veinings, blotches are superb.
Pkt. 35c.

Fringed Red (Gottfried Michaelis). The compact bushes grow about 12 in. high, covered with red fringed flowers.
Pkt. 25c.

Lace Veil. Dwarf white fringed. Fine for beds, borders and window boxes. The finely fringed, waved edges give the impression of white lace.
1 ft.
Pkt. 25c.

Martha Washington. Blush pink deepening to dark violet throat, dwarf, compact, free flowering.
Pkt. 25c.

Ruffled Giants. Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting.
Pkt. 25c.

Setting Sun (Fringed Brilliant Rose). Forms compact bushes 12 in. high, covered with beautifully fringed blossoms of a brilliant rose pink, measuring 3 in. across.
Pkt. 25c.

PETUNIAS GIANT PORTLAND. Large plain edged flowers on free flowering plants.

Elk's Pride. Large, deep royal purple.
Pkt. 15c.

Pink Triumph. The best bright pink.
Pkt. 15c.

Romany Lass. Color shading from cherry-red to deep maroon.
Pkt. 15c.

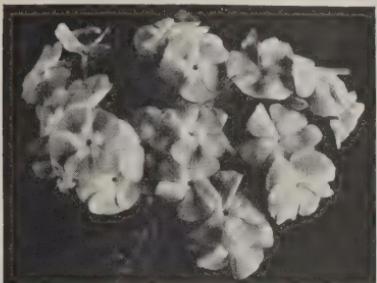
White Beauty. Giant flowering white.
Pkt. 15c.

Mixed Colors.
Pkt. 15c.

PETUNIAS BALCONY. Especially suited for window boxes, vases and hanging baskets.
Blue, Crimson, Rose and Mixed.

Pkt. 15c.

Our Potted Perennial Plants Will Be Ready About April 1st



Phlox, Salmon Glory

All-America Selections—Silver Medal

PENTSTEMON, Gloxiniaflora (Beard Tongue) (Perennial). Beautiful plants for the hardy border. Gloxinia like flowers of white and shades of rose, mauve and purple. Height 2½ ft. Blooms June and July. Germination 10 to 15 days.

Mixed.

Pkt. 15c.

PHLOX, Drummondii (Annual). Bright five petaled flowers in clusters, blooming freely during the entire summer. Sow seed in well pulverized soil as soon as soil can be worked in spring. When plants are large enough, thin or transplant to 6 in. apart. Germination 8 to 12 days.

Large Flowering. Blooms ¾ to 1 in. in diameter. Plants 12 to 14 in. high.

Dark Purple.	Fiery Red
Violet	Deep Rose
Shell Pink	White
Pkt. 10c.	Mixed

Salmon Glory. Large flowered variety with rich salmon-pink florets 1 to 1½ in. diameter. Plants 10 in. high. A prolific bloomer. All-America Selection 1939.

Pkt. 25c.

Dwarf Phlox. Symmetrical plants, 8 in. high, bright colored flowers in broad clusters.

Fireball—Scarlet.

Pink.

Snowball—Pure white.

Mixed.

Pkt. 10c.

Starred and Fringed. The petals of the flowers have fringed or toothed edges giving them the appearance of stars.

Pkt. 10c; ¼ oz. 35c.

Phlox Decussata (Perennial). Do not come true from seed. Germination slow. Seed sown in summer and fall will germinate the next spring and summer. Mixed.

Pkt. 15c.

PHYSALIS, Franchetii. See Chinese Lantern.

PLATYCODON (Wahlenbergia) (Perennial). Handsome plants for sunny border. It has broad blue bell shaped flowers. Blooms from June to September. Sow seed in spring or early summer, transplant to permanent place in fall. They will bloom the following season. Easily grown. Germination 20 to 30 days.

Grandiflora. Blue.

Pkt. 10c; ¼ oz. 30c.

POPPIES (Annual). Annual varieties do not bear transplanting, therefore should be sown in late fall or early spring where they are to bloom. Thin to 6 in. apart.

Annabelle. One of the finest poppies. Flowers are large, double. Will last several days when cut and put in water. Color, beautiful salmon pink with a touch of apricot.

Pkt. 15c.

American Legion or Flanders. Orange scarlet. Height 2 ft.

Pkt. 10c; ¼ oz. 25c; oz. 45c.

Shirley. Large single flowers range in color from pure white, shades of pink and rose to the deepest blood red. Height 1½ ft.

Mixed.

Pkt. 5c; oz. 35c.

Tulip Flowered. Large bright scarlet blossoms, resembling a tulip. Height 1½ ft.

Pkt. 10c; ¼ oz. 35c; oz. 65c.

Double Shirley. Beautiful hybrids with large double and semi-double flowers in a wide range of colors.

Mixed.

Pkt. 10c; ¼ oz. 25c.

Double Cardinal. The flowers a glowing cardinal red, large, (round as a ball), petals finely fringed. Height 2 ft.

Pkt. 10c; ¼ oz. 35c.

Double Carnation. Large double flowers with fringed petals, many brilliant colors. Height 2 ft.

Pkt. 5c; oz. 35c.

Oriental Poppies (Perennial). Huge cup shaped flowers with crinkled petals on tall strong stems. Sow seed in early spring, transplant to permanent place in June. Height 2 to 3 ft. Germination 6 to 15 days.

Dark Red.

Pkt. 10c; ¼ oz. 50c.

Orange Scarlet.

Pkt. 10c; ¼ oz. 50c.

Salmon Pink.

Pkt. 10c; ¼ oz. 50c.

Oriental Hybrids. New colors and types are often found in this mixture.

Pkt. 10c; ¼ oz. 50c.

Iceland Poppies (Perennial). While these are hardy perennials, they flower from seed the first season if sown early.

Elmonte. Beautiful satin like flowers on wiry stems. Color deep tangerine. Height 14 in.

Pkt. 15c.

Yellow Wonder. Large deep yellow flowers, excellent cut flower. Height 2 ft.

Pkt. 15c.

Mixed. A superb mixture in many shades of yellow, orange, salmon and pink. Height 14 in.

Pkt. 10c; ¼ oz. 40c.

PORTULACA (Flowering Moss) (Annual).

Bloom all summer.

Single Mixed.

Pkt. 5c; ¼ oz. 50c; oz. 95c.

Double Mixed.

Pkt. 10c; ¼ oz. 50c; oz. \$1.50.

National
Ezy Wear
Garden Gloves

75c per pair; 2 pairs, \$1.40.

HAVALAWN Grass Seed For a Better Lawn

PRIMROSE (*Primula*) (Tender Perennial).

Chinensis. The choicest single flowering Primrose in all their dainty shades.

Pkt. 25c.

Obconica Gigantea Mixed.

Pkt. 15c.

Hardy Varieties. In early spring these Primroses produce handsome rosettes of leaves from the center of which rise clusters of beautiful flowers in many colors. They delight in rich soil and partial shade. Protect in winter. Germination 20 days.

Auricula. Many rich colored fragrant flowers in clusters. Height 8 in.

Crop failed.

Polyanthus Veris (Cowslip). Flowers in clusters.

Mostly yellow or red and yellow, some running into bronze. Easily grown from seed sown in late summer. Height 10 in.

Crop failed.



Pyrethrum

PYRETHRUM (Painted Daisy) (Perennial).

Attractive single, semi-double or double daisy like flowers, produced freely in May or June. Colors, white, shades of pink and red. Sow seed in spring or summer, transplant to their permanent place in fall. A sunny position and rich light soil suits them best. Germination 7 to 12 days.

Hybridum Double Mixed. These hybrids sometimes produce single flowers the first year.

Height 2 ft.

Pkt. 15c; 1/16 oz. 50c.

Roseum Grandiflorum Single Mixed. Large flowers for cutting. Height 2 1/2 ft.

Pkt. 15c; 1/8 oz. 75c.

RICINUS (Castor Oil Bean) (Annual.) Showy ornamental plants which do best in sunny location. The plants are tall and of a beautiful tropical appearance. Sow seed where they are to grow when ground is warm in spring. Germination 8 to 12 days.

Borboniensis Arborescens. Large dark green foliage. Height 10 to 15 ft.

Pkt. 5c; oz. 15c; 1/4 lb. 50c.

Gibsoni. Bronzy purple foliage. Plants 5 ft. high.

Pkt. 5c.

Red Spire. Large bronze-green foliage and crimson seed pods. Height 6 ft.

Pkt. 10c; oz. 25c.

RICINUS—Continued

Zanzibariensis. Leaves often 2 ft. across, green shaded coppery brown. Height 8 ft.

Pkt. 5c; oz. 15c; 1/4 lb. 40c.

Mixed.

Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

RUDBECKIA (Coneflower) (Perennial). Bright flowers which grow quickly from seed and are very hardy. Germination 10 days.

Hirta Hybrids (Annual). Golden yellow daisy-like blossoms with shading and bandings of mahogany. Germination 10 to 12 days.

Pkt. 15c.

Newmani. Golden daisy-like flowers with dark brown cone shaped centers, in August and September. Height 2 ft.

Pkt. 10c; 1/8 oz. 35c.

Purpurea (Giant Purple Coneflower). Large showy daisy-like reddish purple flowers with dark brown center. July to September. Height 3 ft.

Pkt. 10c; 1/8 oz. 50c.

SALPIGLOSSIS (Painted Tongue) (Annual). An easily grown annual, 18 to 24 in. high which blooms from midsummer until frost. Blossoms are trumpet shaped, deep purple and blue veined with gold. Buff and yellow veined with brown and many other beautiful color combinations. Germination 5 to 10 days.

Large Flowering Mixed.

Pkt. 10c; 1/8 oz. 35c.

SALVIA (Scarlet Sage) (Annual). Perennial plants grown as annuals. Bushy plants bearing many attractive spikes of scarlet flowers. For early blooms, sow indoors or in hotbed and transplant to open when ground is warm or may be sown outdoors in May. Likes hot sun. Germination 5 to 10 days.

America (Globe of Fire). Bushy plants. 16 in. high.

Pkt. 15c; 1/8 oz. 50c.

Bonfire. Erect spikes above dark green foliage. Height 14 in.

Crop failed.

Early Souvenir. An early flowering variety. Plants grow about 1 1/2 ft. high. Many spikes of brilliant red flowers.

Pkt. 20c; 1/8 oz. 50c.

Splendens Grandiflora. Vigorous plants 2 1/2 ft. tall. Early, large flowering. Scarlet.

Pkt. 10c; 1/8 oz. 40c.

Zurich. Plants, dwarf, bushy, producing an abundance of bright scarlet flowers from July to frost. Height 12 in.

Pkt. 15c.

Farinacea (Blue Bedder) (Perennial). Above a dense tuft of foliage, rise slender spikes of tubular light blue blossoms. Height 2 1/2 ft. Blooms first year from seed sown early.

Pkt. 10c; 1/8 oz. 35c.

SANVITALIA (Procumbens) (Annual). A free flowering plant of trailing habit. Small double bright yellow flowers in bloom all summer. They prefer light soil and full sun. Seed may be sown in flats indoors or coldframe early and transplanted or sown in open when ground is warm. Height 6 in. Germination 6 to 10 days.

Pkt. 10c; 1/4 oz. 40c.

SAPONARIA (Bouncing Bet) (Perennial). Spreading plants with bright green foliage and gay rosy carmine blossoms in profusion during May and June. Saponarias are very easily grown and require little attention. Height 10 in. Germination 10 to 12 days.

Pkt. 10c; 1/4 oz. 35c.

Plant Hormone Treated Seeds

SCARLET RUNNER. The vines grow 8 to 12 ft. and are covered with showy clusters of scarlet, pea-like flowers. The beans which follow the flower may be eaten while young and tender. Plant seed where they are to bloom. Germination 5 to 8 days.
Pkt. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

SCABIOSA (Mourning Bride) (Annual). One of the most popular annuals for cutting because of the long wiry stems. It also makes attractive groups in the garden. A continuous bloomer. Sow seed early in light soil, cover about $\frac{1}{4}$ in., watering to be done with a fine spray. Transplant to open when plants have their second leaves.

Black Purple Rose
Shasta White Lavender

Crimson
Pkt. 10c.
Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Giant Loveliness. Large flowers in shades of salmon rose.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Scabiosa (Perennial).

Isaac House Strain. Large flowers with fringed and ruffled petals in shades of blue and lavender. Blooms freely from June to August. Height 2 ft.
Pkt. 15c; $\frac{1}{8}$ oz. 50c.

SCHIZANTHUS (Annual). Dainty blossoms like tiny orchids from compact pyramidal plants. Very effective in the garden or for pot plants. Colors are pink to rose, veined with gold and white. The seed germinates readily and plants start blooming within a few weeks. Height 16 in.
Large Flowering Mixed.
Pkt. 10c; $\frac{1}{2}$ oz. 35c.

SENSITIVE PLANT (Touch-me-not). A pretty plant with pink flowers. The foliage is very sensitive and closes up immediately if touched or shaken.
Pkt. 10c.



Scabiosa

SHAMROCK (True Irish). Bright green clover like foliage.

Pkt. 10c; $\frac{1}{4}$ oz. 25c.

SMILAX (Tender Perennial). Most popular greenhouse vine, used for decoration.

Pkt. 10c; $\frac{1}{2}$ oz. 25c.

SOLANUM, Cleveland Red. An attractive plant for winter decoration. Plants dwarf bushy bearing bright scarlet fruits which remain on the plants for a long time. Sow seed in spring, when 4 in. high they should be potted. Take indoors before frost. Easily grown. Height 12 in.
Pkt. 15c.

STATICE, Sinuata (Annual). Showy plants with clusters of attractive flowers on graceful stems. The flowers may be dried for winter bouquets. Sow seed in well pulverized soil, when ground is warm. Transplant or thin to 8 in. apart. Height 2 $\frac{1}{2}$ ft. Germination 8 to 20 days.

Lavender. True Blue.
Rose. White.

Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Suworowi (Russian Cat Tail). Dense clusters of broad deep green leaves from which rise tail-like spikes of rose colored flowers. Annual.
Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Latifolia (Perennial Statice or Sea Lavender). Plants 1 $\frac{1}{2}$ ft. high and frequently 2 ft. across. Minute lavender blue flowers in much branched panicles.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

STOCKS (Annual). Dense spikes of fragrant flowers, white, blush, pink, purple, and yellow. The seed is sown from February to April in good clean soil, mixed with sand, free from manure. The seed will germinate in 6 to 10 days. Water seedlings in the morning when needed. Leave dry at night to prevent damping off.

Cut & Come Again. A continuous bloomer. Branching plants, 2 to 2 $\frac{1}{2}$ ft. high.
Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 35c.

Dwarf German. (10 weeks). Large flowering. Dwarf plants. A favorite for outdoor bedding. 12 inches.

Mixed Colors. Pkt. 10c.

Giant Bismarck (10 Week Stocks). Plants 2 to 2 $\frac{1}{2}$ ft. high producing many large spikes, coming into bloom in 10 to 12 weeks. Fine for cutting.

Mixed. Pkt. 20c.

STOKESIA, Cyanea (Stokes Aster) (Perennial). Beautiful light blue flowers are produced profusely in summer and early autumn. Sow seed in summer in garden soil, transplant to permanent place in fall. They will bloom the following season. Height 1 $\frac{1}{2}$ to 2 ft. Germination 20 to 30 days.
Pkt. 15c.

National Eezy Wear Garden Gloves

All leather, soft as kid. Sizes for WOMEN (small, medium, large) and MEN (small, medium, large). Price, 75c a pair, postpaid. (2 pair \$1.40.)

Grow Some Straw Flowers for Winter Bouquets



Double Sunflower

SUNFLOWER (Helianthus) (Annual). Ornamental plants for background. Superior to the common Sunflower. Plant seed where they are to bloom. Thin plants to 3 ft. apart. Germination 5 to 12 days.

Chrysanthemum Flowered. Quilled petals resembling a double chrysanthemum. Height 7 ft.

Pkt. 10c; oz. 35c.

Dwarf Double. Bright yellow flowers. Height 3 ft.

Pkt. 5c; oz. 30c.

Golden Ball. Large double golden yellow flowers. Height 7 ft.

Pkt. 5c; oz. 30c.

Dwarf Red. Large single flowered with deep red centers. Petals red and yellow. Height 4 ft.

Pkt. 10c; oz. 30c.

Stella. Single flowers, 4 in. in diameter on long stems. Bright yellow with dark center. Height 5 ft.

Pkt. 10c; ½ oz. 25c.

Mammoth Russian. Grown for its seed. Height 6 ft. Pkt. 5c; lb. 20c.

SWEET PEAS (Hardy Annuals). Seed may be planted in late fall. Does best in well fertilized soil and they need considerable water on warm days. Give plants plenty of room, not less than 8 in. apart. Sow seed where they are to grow.

Early Flowering Spencer. For outdoor or greenhouse culture. This class should have more attention from home growers who may have been disappointed with the late flowering type. These come into bloom two weeks earlier.

Mixed.

Pkt. 10c; oz. 25c; ¼ lb. 90c; lb. \$3.00.

Late Spencer. A mixture of fine named varieties.

Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

Lathyrus Latifolius (Perennial Sweet Peas). A sturdy vine bearing luxuriant foliage and clusters of waxy flowers in pink, red and white from June to September. The vine may be trained upon a support. It is also well adapted to cover banks or rugged places. Sow seed in fall or early spring. They will grow in any garden soil. Germination 20 to 60 days.

Mixed. Pkt. 10c; ½ oz. 35c.

STRAWFLOWER MIXTURE (Annual). Used for winter bouquets. Cut when flowers are half expanded, hang heads down to keep stem straight. Sow in garden when ground is warm.

Pkt. 10c; ½ oz. 35c.

SWEET ROCKET (Hesperis) (Perennial). Bears spikes of purple or white flowers, delightfully fragrant in the evening. Sow seed in spring or summer, transplant to permanent place in fall. Height 18 to 24 in. Germination 12 to 20 days. Pkt. 10c; ¼ oz. 25c.

SWEET WILLIAM (Dianthus Barbatus) (Perennial). A well known perennial for bedding and borders. The florets are borne on stiff stems in great profusion and many colors. Sow seed in summer and transplant to permanent place in fall. They grow in any garden soil. Height 16 in. Germination 5 to 8 days. Holborn Glory. Showy heads of varicolored flowers.

Newport Pink. Salmon pink.

Scarlet Beauty. Deep scarlet. White.

Pkts. 10c; ¼ oz. 35c.

Single Mixed.

Pkt. 5c; ¼ oz. 25c.

Double Mixed.

Pkt. 10c; ½ oz. 50c.

Sweet William (Annual). Blooms from seed the first season.

Mixed Colors.

Pkt. 10c; ¼ oz. 30c.



Sweet William

TAHOKA DAISY (Machaeranthera) (Annual). Lavender blue daisy like flowers with golden yellow centers. The foliage is fern like, blooms from June until autumn. Stands heat and drought. Height 16 in. Germination 12 to 20 days. Pkt. 15c; ½ oz. 50c.

THALICTRUM HYBRIDUM. Graceful plants. Excellent for the hardy border. Useful for making bouquets. Small flowers in panicles in shades of rose, lavender and white. Will grow in any well drained garden soil. Germination 20 to 30 days. Perennial. Pkt. 15c; ½ oz. 40c.

TERHOMOPSIS, Caroliniana (Perennial). Golden yellow flowers are produced on spikes resembling Lupines. Easily grown. Not particular as to soil or position. Seed sown in spring or summer will bloom next spring. Height 2½ ft. Germination 15 days. Pkt. 15c; ½ oz. 50c.

THUNBERGIA (Blackeyed Susan). A graceful climber, producing trumpet like flowers in shades from creamy white to golden yellow with solid black centers. Much used in hanging baskets and overhanging banks. Perennial grown as an annual. 4 ft. Germination 5 to 12 days. Pkt. 10c; ½ oz. 40c.

Make a Cold Frame for Early Plants



Tithonia

TITHONIA, Speciosa (Mexican Sunflower) (Annual). A tall growing plant with rich orange red flowers, resembling a single Zinnia. Sow in flats indoors. When seedlings are about 4 in. high transplant to 4 ft. apart. May be sown outdoors when ground is warm. Height 8 ft. Germination 5 days.
Pkt. 10c.

TORENIA, Fournieri (Wishbone Flower) (Annual). Compact plants literally covered with blossoms somewhat like Snapdragons. Of a beautiful sky blue, edged violet with yellow lip. Seed is very fine. Best sown in flats and transplanted to open ground when plants have second leaves. A continuous bloomer. Height 12 in. Germination 10 to 15 days.
Pkt. 15c.

TRITOMA, Pfitzneri Red (Perennial). (An improved Red Hot Poker Plant.) Large spikes of red tube like flowers. Germination 30 to 45 days. Protect in winter.
Pkt. 15c; 1/2 oz. 40c.

TUNICA, Saxifraga. A dwarf creeping plant with grass like foliage and small rose colored flowers from June to September. Blooms first season from early sown seed. Germination 8 to 12 days.
Pkt. 10c.

URSINIA, Pulchra (Jewell of the Veldt) (Annual). Orange colored flowers with deep purple center. Foliage dark green and fern like. Good cut flower. Sow seed where plants are to bloom in good soil, thin to 10 in. apart. Blooms all summer. Height 16 in. Germination 8 to 12 days.
Pkt. 15c; 1/2 oz. 25c.

VALERIANA, Rubra (Garden Heliotrope) (Perennial). Numerous stalks of tiny fragrant white, pink or rose flowers in clusters. Plants are very hardy and require little attention. Will bloom first season from early sown seed. Blooms from May to August. Height 2 to 3 ft. Germination 20 days.
Crop failed.

VERBENA (Annual). Verbenas will flower from midsummer until frost from seed sown outdoors in spring. For early blooms, sow indoors in February. Germination will be hastened if seed is soaked in water several hours.

Mammoth Grandiflora.

Blue.	Purple Mantle.
Lucifer—cardinal red.	Salmon Pink.
Mayflower—rose pink.	White.
Pkt. 10c; 1/4 oz. 50c.	Mixed.

Beauty of Oxford Hybrids. Large flowers in shades of pink and rose. All-America winner 1933. Pkt. 15c.

Dwarf Fireball. Upright plants, 9 in. high, with many bright scarlet flowers. Pkt. 15c.

Floradale Beauty. Oxford type, free flowering. Color, beautiful salmon rose.
Pkt. 15c.

Great Floral Clock Mixture. A splendid variety, compact growth and many fine colors.
Pkt. 15c.

Fine Mixed. A fine mixture containing a wide range of beautiful colors. Pkt. 5c; 1/2 oz. 40c.

Venosa (Perennial). Spreading plants producing clusters of lilac blue flowers from June to October. Height 14 in.
Pkt. 10c; 1/4 oz. 30c.

VERONICA, Spicata (Speedwell) (Perennial). Hardy plants growing about 18 in. high producing spikes of clear blue flowers from June to August. Easily grown. Not particular as to soil or position. Germination 12 to 20 days.
Pkt. 15c; 1/2 oz. 50c.

VINCA (Periwinkle) (Annual). Attractive dark glossy green foliage and showy flowers from early summer until frost. Sow seed indoors early in a mixture of sand and good garden soil. Give plenty of moisture. Germination 12 to 20 days. Height 24 in.

Rosea. Deep rose.

Rosea Alba. White with rose eye.

Alba Pura. Pure white.

Mixed colors. Pkt. 10c; 1/4 oz. 40c.

VIOLA, Cornuta. See Tufted Pansy.



Verbena, Mammoth Flowering

Vitapane a Glass Substitute for Cold Frames



Crested Zinnias

WALLFLOWER (*Cheiranthus*) (Perennial). An old garden favorite. 2½ ft. high. Blooms very early in spring, very fragrant. Blooms best in rather poor soil. Protect in winter. Germination 8 to 12 days.

Double Mixed.

Pkt. 15c.

Early Wonder (Annual Wallflower). Sow very early in spring. Plants will bloom in about 90 days. Height 18 to 24 in.

Pkt. 15c.

WOOLFLOWER (*Chinese*) (Annual). Upon many branches, clusters of flowers like balls of yarn are in profusion all summer. Height 2½ ft. Germination 10 days.

Crimson.

Pkt. 10c; ¼ oz. 50c.

Mixed. Shades of pink and red.

Pkt. 10c; ¼ oz. 50c.

WILD CUCUMBER (Annual). A rapid growing climber with beautiful foliage and fragrant white flowers. 15 to 20 ft. Germination 5 to 8 days.

Pkt. 10c; oz. 25c.

OLD FASHIONED FLOWER GARDEN

A mixture of easily grown old fashioned flowers that may be broadcast or sown in rows for cutting.

Mixed Annuals.

Pkt. 10c; oz. 15c; lb. \$1.50.

Mixed Perennials.

Pkt. 10c; oz. 50c; lb. \$6.75.

Mixture of Annuals for Rock Gardens.

Pkt. 10c.

Mixture of Perennials for Rock Gardens.

Pkt. 10c.

HOWARD'S GIANT CRESTED ZINNIA. Flowers 4 to 5 inches across, composed of a row of broad outer petals, surrounding a cushion-like crown of quill-like petals. Mixed colors.

Pkt. 15c.

ST. LOUIS SEED CO.'S SELECTED ZINNIAS.
(Youth and Old Age) (Annual).

DOUBLE DAHLIA FLOWERED. Giant flowers with broad overlapping petals which give the flowers the appearance of a decorative Dahlia. Height 3 ft.

Canary Yellow.

Crimson Monarch.

Dream. Deep lavender.

Exquisite Rose. Light rose pink.

Golden Dawn. Deep yellow.

Illumination. Deep rose.

Luminosa. Bright pink.

Meteor. Deep rose.

Old Gold. Bronzy yellow.

Oriole. Orange and gold.

Polar Bear. White.

Purple Prince. Deep purple.

Scarlet Flame. Scarlet.

Any of the above: Pkts. 15c; ¼ oz. 30c.

Dahlia Flowered Zinnias Mixed.

Pkt. 15c; ½ oz. 50c; oz. 95c.

CALIFORNIA GIANTS.

Daffodil. Canary yellow.

Enchantress. Light rose.

Grenadier. Bright red.

Orange King. Orange scarlet.

Purity. White.

Salmon King. Salmon rose.

Violet Queen.

Scarlet Gem. Deep scarlet.

Mixed colors.

Any of the above: Pkts. 10c; ½ oz. 35c.

ELEGANS (Cut and Come Again). Very double flowers 2½ to 3 in. diameter, dome shaped. Free flowering on long stems. Height 2½ ft.

Bright Scarlet.

Crimson.

Golden Yellow.

Pinkie.

Salmon Rose.

White.

Mixed.

Any of the above: Pkts. 10c; ½ oz. 50c.

LILLIPUT or POMPONS. Double flowers 1½ in. in diameter. Plants neat, compact. Height 15 in.

Canary Yellow.

Crimson Gem.

Golden Yellow.

Lilac Gem.

Rosebud. Rose pink.

Scarlet Gem.

Salmon Rose.

Valencia. Burnt orange.

White.

Finest Mixture.

Any of the above: Pkts. 10c; ½ oz. 50c.

DWARF DOUBLE. Bushy compact plants, 2 ft. high.

Mixed.

Pkt. 5c; ½ oz. 25c.

Fantasy. Petals curled and partially quilled. Flowers medium size. Colors in shades of pink, rose, yellow, red and white. Mixed.

Pkt. 15c; oz. \$1.25.

Star Dust (Fantasy Type). Clear golden yellow, medium sized blooms. Height 2½ ft.

Pkt. 15c.

Tom Thumb. Compact plants, 6 in. high, well formed flowers of the Lilliput type.

Pkt. 10c; ½ oz. 50c.

Our Summer Flowering Bulbs Are Best

FLOWERING BULBS AND ROOTS FOR SPRING PLANTING

CANNAS

LARGE FLOWERING

Ready for shipment during March and April.
By Parcel Post, add 10c per doz., postage.

YELLOW

YELLOW KING HUMBERT. 4 ft. Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red.

RED, GREEN FOLIAGE

THE PRESIDENT. 4 ft. This Canna is superior to any other red variety in the quality and also the quantity of bloom.

MISCELLANEOUS BULBS AND ROOTS

AGAPANTHUS (Lily of-the-Nile). Flowers in clusters consisting of 12 to 20 striking blue lily like flowers. Roots may be planted in pots for indoor blooming or outdoors when ground is warm. Each 50c.

AMARYLLIS, New Hybrids. This selection of giant bloomers in wonderfully varied and brilliant colorings. Each 45c.

ANEMONE, DeCaen. The flowers resemble Buttercups, to which family they belong. They possess many beautiful tones of red, violet, and purple and varying to white. These tiny bulbs should be planted 2 in. deep in a place protected from hard winds or rain.

Doz. 50c.

BEGONIAS (Tuberous Rooted). Wax-like flowers appear uninterrupted from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then.

Rose, Scarlet, White, Yellow.

Each 15c; doz. \$1.60.

CALADIUM ESCULENTUM (Elephant's Ear). One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas.

	Each Doz.
Mammoth Bulbs	\$0.30 \$3.25
First Size bulbs	.20 2.25
Medium bulbs	.10 1.00



CALADIUM, Fancy Leaf. Mixed varieties. Beautiful, variegated foliage plants adapted for pot-culture indoors. Planted outdoors in May make pretty border or bedding plants. Each 25c; doz. \$2.50.

RED, BRONZE FOLIAGE

KING HUMBERT. 4 ft. The plants are crowned with immense heads of orchid-like, velvety orange-scarlet, rose-tinted and margined at the base.

PINK

CITY OF PORTLAND. 3½ ft. A deep pink which does not fade during the hot weather. Price of Canna Roots, each 6c; doz. 65c.

CINNAMON VINE. Well-known hardy climber; quick grower, with beautiful glossy heart-shaped leaves and sweet-scented flowers. Vines will run 20 to 30 ft. in a season.

Large Roots 10c; doz. \$1.00.

GLOXINIA (Hybrids). The handsomest of our summer-blooming plants. The long tube-shaped flowers in rich purple, red, white, and lavender, are extremely beautiful.

Each 25c; doz. \$2.50.

HYACINTHUS, Candicans (Summer Hyacinth). A white summer-flowering Hyacinth, growing about 3 ft. high, gracefully surmounted with pure white bell-shaped flowers.

Per pkg. 3 bulbs 10c.

ISMENE, Calathina (Pancratium Lily or Peruvian Daffodil). One of the choicest of our summer flowering bulbs, blooming profusely during the summer. Handsome clusters of large, very striking, fragrant pearly white flowers.

Large bulbs, each 15c; doz. \$1.50.

LILY OF THE VALLEY. These are best for outdoor planting.

Clumps. Each 45c; doz. \$4.80.

Lilium Regale (3 ft.). Extra large bulbs, pure white, yellow center. June.

Each 40c; doz. \$3.25.

Lilium Regale. First size bulbs, pure white, yellow throat. June.

Each 25c; doz. \$2.00.

Tigridium. Large, showy, brilliantly colored orange-scarlet flowers. August. Height, 5 ft. Each 25c; doz. \$2.75.

MONTBRETIA. The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants, producing in great numbers, graceful spikes 12 to 16 inches long, bearing many beautiful star-shaped flowers. Mixed colors.

Each 7c; doz. 70c.

MADEIRA VINE. The old favorite so much prized because of its rapid growth and freedom from insects; fragrant, white flowers.

Tubers each 10c; doz. \$1.00.

TIGRIDIAS OR SHELLFLOWERS. Extremely handsome summer-flowering bulbs, growing about 2 ft. high, producing large gorgeous flowers in shades of yellow, yellow-orange, and red, exquisitely spotted.

Each 10c; doz. \$1.00.

TUBEROSE. By Mail, add 5c per Dozen, postage. Dwarf Excelsior Pearl. 24 in. Early bloomer bearing pure white flowers, very double and sweetly scented.

Doz. 60c.

Albino. 30 in. Very early bloomer; dwarf habit; flowers waxy white and single, very fragrant. Doz. 60c.

Dahlias Are the Finest Fall Flowers

ST. LOUIS SEED COMPANY'S DAHLIAS

By Mail Add Postage 5c Each

Time of Planting: The time for planting Dahlias varies quite a good deal, according to the locality. In the Central states roots may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from roots planted out about June 15th. Dahlias should be planted from 2 1/2 to 8 ft. apart and covered to a depth of 4 in. We list only varieties which will do best in our Middle West.

I.D. Informal Decorative. **F.D.** Formal Decorative. **C.** Cactus. **S.C.** Semicactus.

ANNA BENEDICT, I.D. One of the most satisfactory dark red dahlias, centers full throughout the season. Stems always good. Each, 50c.

BECKY THATCHER, F.D. A rugged plant with each branch bearing a large and beautiful bloom. Color rose-pink with just a touch of gold. A continuous bloomer. Each, 50c.

BRILLIANT LADY, I.D. Purple with tinge of red. A strong growing variety with good stem and foliage. Each, 50c.

CALIFORNIA IDOL, I.D. Clear lemon yellow. A wonderful grower. The flowers are very large, stems strong and erect. Each, 50c.

CHEROKEE BRAVE, I.D. One of the best red dahlias ever introduced. An oxblood red that holds its color. It blooms early and is very prolific. Each, 75c.

DARCY SAINSBURY, F.D. A fine white formal, inclined sometimes to be informal. Stems are strong and foliage well proportioned and rugged. Stands sun and heat. Each, 75c.

DIRECTOR CARL DAHL, I.D. Immense blooms with slightly curled pointed petals. Color apricot buff, shaded old rose. Judged most perfect bloom in St. Louis Dahlia show 1939. Each, 75c.

EDITH HARSH, F.D. Orchid pink. The attractive blooms are borne on strong stems. A very early free bloomer. Each, 35c.

FREDA GEORGE, I.D. A beautiful dahlia. Color sulphur yellow tipped and suffused rose. Plants strong and free flowering. Each, 75c.

GOLDEN BEAUTY, I.D. A very artistic golden yellow dahlia. The blooms are large, with full high centers and strong stems. Each, 50c.

JANE COWL, I.D. This marvelous dahlia is an enormous, deep flower of the warmest shades of buff, apricot, and old gold, beautifully formed, and held absolutely erect on superb stems. Each, 35c.

JEAN TRIMBEE, S.C. A beautiful Dahlia of rich petunia violet, which can be grown to immense size. Very vigorous, with ideal stems and habit, and a free bloomer. Each, 35c.

JERSEY'S BEAUTY, F.D. A glorious pink bloom of perfect form, on long strong stems. Universally grown, and the best cut flower of all.

Each, 25c.

JERSEY'S DAINTY, C. The best white cactus. A strong grower and good bloomer. Each, 25c.

KATIE K, I.D. A giant. Color a beautiful rose. Plants are strong and stems straight and stiff. One you should have. Each, 75c.

LORD OF AUTUMN, I.D. Clear bright yellow strong plants with clean glossy foliage. Each, 50c.

MARCELLINA, F.D. An outstanding seedling of Satan, the color a pleasing tangerine. An early bloomer with good stems and clean cut foliage, an excellent cut flower. While we classify this dahlia as Formal Decorative at times it has a tendency to be semi-cactus. We recommend this dahlia.

Each, \$1.00.

MRS. GEO. LeBOUTILLIER, I.D. A sensational exhibition dahlia of deep yet bright red that can be grown to enormous size. Free blooming, easy to grow.

Each, 25c.

PINK GIANT, I.D. Deep rose pink with just a touch of lilac. A really beautiful flower, a good rugged plant with perfect stems. Each, \$1.00.

QUEEN CITY, F.D. This variety without question is outstanding in color which is scarlet pink, or light cherry red.

Each, 35c.

RITA WELLS, I.D. The giant flowers are rose buff with golden sheen. A rugged grower.

Each, \$1.50.

WHITE KING, F.D. A white sport of Francis Laroeca. An excellent cut flower. Blooms profusely on good stems.

Each, 25c.

POMPON DAHLIAS

Atom, bronzy red, perfect form.....	\$0.35
Arthur Kerley, bright red .....	.25
Catherine, pure yellow .....	.25
Morning Mist, white, tinged pink.....	.35

MIXED DAHLIAS

Each year at digging time there are some varieties of which we do not have enough roots to list, others the labels get lost. None of these are worth less than 25c, many worth much more.

There are no singles or pompons in this mixture. We offer these at Each, 10c.

Dip Gladiolus Corms in Semesan

By Mail Add 5c Per Dozen Postage

SELECT GLADIOLUS

Culture: Gladiolus can be successfully grown in practically any soil and respond wonderfully to a little attention, such as timely watering and cultivation. (Planting). Have soil loose; make trench or hole deep enough so that bulbs can be covered with three inches of soil (sandy soil 5 in.). Plant bulbs three inches apart in row. Use a complete fertilizer, (Vigoro) at planting time and again when buds first appear.

RED SHADES

BEACON. Bright red with cream blotch.
Doz. 65c; 100 for \$5.00.

COMMANDER KOEHL. Large blood red.
Doz. 40c; 100 for \$3.00.

CRIMSON GLOW. Dark crimson, large flowers on tall straight stems.
Doz. 30c; 100 for \$2.00.

DR. F. E. BENNETT. This is among the finest of the reds. Tall, sturdy grower with well arranged flowers.
Doz. 35c; 100 for \$2.50.

EXCELLENCE. Large bright scarlet.
Doz. 35c; 100 for \$2.50.

FLAMING SWORD. Red, tinted salmon. A variety that is coming to the front very fast.
Doz. 35c; 100 for \$2.50.

RED PHIPPS. A tall flashing, sparkling red.
Doz. 40c; 100 for \$3.00.

VAN TIENHOVEN. Large flowering scarlet red.
Doz. 50c; 100 for \$3.50.

PINK SHADES

BONNEVILLE. Clear rose pink.
Doz. 40c; 100 for \$3.00.

DEBONAIR. LaFrance pink, shading to shrimp-pink with creamy throat.
Doz. 35c; 100 for \$2.50.

DUNA. Soft pink, shaded buff, lower petals yellow.
Doz. 40c; 100 for \$3.00.

ELIZABETH TABER. Pink with red blotch.
Doz. 35c; 100 for \$2.50.

GIANT NYMPH. Very large, light pink with creamy throat.
Doz. 30c; 100 for \$2.00.

MRS. E. J. HEATON. Large glowing salmon pink.
Doz. 50c; 100 for \$3.50

MRS. LEON DOUGLAS. Ground color begonia-rose, striped with flame and brilliant scarlet.
Doz. 35c; 100 for \$2.50.

MR. W. H. PHIPPS. La France pink, overlaid with salmon-rose.
Doz. 35c; 100 for \$2.50.

PEGGY LOU. Deep shrimp pink.
Doz. 65c; 100 for \$5.00.

PHILIS McQUISTON. Clear light rose.
Doz. 35c; 100 for \$2.50.

PICARDY. Delicate flesh pink. Large blooms and many open at one time.
Doz. 35c; 100 for \$2.50.

P. W. SISSON. Wonderful soft cameo pink. Tall, strong grower.
Doz. 30c; 100 for \$2.00.

SCHWABEN GIRL. Clear pink, one of the best.
Doz. 40c; 100 for \$3.00.

SMILING MAESTRO. Very large, salmon rose.
Doz. 40c; 100 for \$3.00.

BLUE SHADES

BERTY SNOW. One of the best lavender. Has good substance, large flowers and straight spikes.
Doz. 35c; 100 for \$2.50.

CHAS. DICKENS. Very tall, strong plant with large flower head and very large purple-violet florets.
Doz. 35c; 100 for \$2.50.

KING ARTHUR. Excellent. Large ruffled lavender.
Doz. 35c; 100 for \$2.50.

MINUET. Beautiful clear, light lavender.
Doz. 35c; 100 for \$2.50.

MOTHER MACHREE. A beautiful smoky lavender, touched with gold.
Doz. 35c; 100 for \$2.50.

PAUL PFITZER. Aristocratic blooms of rich velvety purple. A fine variety.
Doz. 40c; 100 for \$3.00.

PELEGRINA. Violet-blue, lower petals darker. An excellent Gladiolus.
Doz. 40c; 100 for \$3.00.

PURPLE GLORY. A tall, strong, velvety purple. Very fine.
Doz. 50c; 100 for \$3.50.

VAGABOND PRINCE. Mahogany brown with scarlet blotch.
Doz. 55c; 100 for \$4.00.

WHITE

ALBATROS. A massive pure white flower.
Doz. 40c; 100 for \$3.00.

BOB WHITE. Tall white with rose throat marking.
Doz. 40c; 100 for \$3.00.

CARMEN SYLVA. Pure white, large flowers on tall straight stems.
Doz. 35c; 100 for \$3.00.

MAID OF ORLEANS. A very fine creamy white with deeper cream throat.
Doz. 40c; 100 for \$3.00.

POLAR ICE. Mammoth white.
Doz. 40c; 100 for \$3.00.

YELLOW SHADES

CANBERRA. A soft medium yellow with straight spikes.
Doz. 55c; 100 for \$4.00.

GOLDEN CHIMES. A very ruffed light yellow.
Doz. 50c; 100 for \$3.50.

RUFFLED BEAUTY. Canary yellow, large ruffed florets.
Doz. 40c; 100 for \$3.00.

GOLDEN DREAM. Deep, pure yellow. The florets are large and of splendid form.
Doz. 35c; 100 for \$2.50.

GOLD EAGLE. Deep yellow, slightly ruffled. Early bloomer.
Doz. 40c; 100 for \$3.00.

GOLDEN FRILLS. Frilled, deep golden yellow.
Doz. 40c; 100 for \$3.00.

CHOICE MIXED GLADIOLUS.
Doz. 25c; 100 for \$1.75.

BLOOMING SIZE MIXED.
100 for \$1.00.



Hardy Field Grown ***ROSES***

AMERICAN BEAUTY, H.P. Deep pink shaded carmine. Each, 35c.

AMI QUINARD, H.T. Very dark maroon (almost black). Each, 50c.

APRICOT QUEEN, H.T. Long pointed bud. Flower orange and apricot tinted salmon and rose. Each, \$1.50.

BETTER TIMES, H.T. The brilliant cerise flowers are large, double and delicately fragrant, being produced on long strong stems, they are excellent for cutting. Each, \$1.00.

BRIARCLIFF, H.T. Clear rose pink perfectly formed flowers. Each, 45c.

CALEDONIA, H.T. Flowers large, white, full, double, high-centered. Each, 45c.

CALIFORNIA, H.T. Long pointed buds. Flowers of orange and saffron yellow. Each, \$1.50.

CHRISTOPHER STONE, H.T. Fragrant, velvety red, free blooming. Each, 50c.

CONDESA DE SASTAGO, H.T. A vigorous grower. The petals are distinctly two-toned, coppery pink inside and golden reverse. Each, 45c.

COUNTESS VANDAL, H.T. A lovely coppery pink and gold, extra long pointed buds. Each, \$1.00.

CYNTHIA, H.T. Rose pink shaded salmon, a very free bloomer. Each, 45c.

DUQUESA DePENARANDA, H.T. Apricot orange and pink. Plants vigorous. Blooms large and double. Each, 45c.

EDEL, H.T. Ivory white blooms with a very pleasing fragrance. Each, 45c.

EDITH NELLIE PERKINS, H.T. Light cerise pink with gold suffusion. Each, 40c.

EDITOR McFARLAND, H.T. Well formed, brilliant pink. Vigorous. Each, 40c.

E. G. HILL, H.T. A very large, extremely double flower with tightly packed petals of brilliant, unfading red. Each, 45c.

ETOILE DE HOLLANDE, H.T. Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; very fragrant. Each, 45c.

FEU JOS. LOOYMANS, H.T. A profuse, continuous bloomer with long buds. Color, deep yellow. Each, 40c.

FRANCIS SCOTT KEY, H.T. Very large double rich crimson. Each, 40c.

FRAU KARL DRUSCHKI, H.P. The flowers are pure white, very double and well formed. Blooms in June. Each, 40c.

FEDERICO CASAS, H.T. Cinnamon pink, reverse gold. Each, 50c.

GLOWING CARMINE, H.T. Carmine, strong grower; blooms freely. Each, 45c.

GOLDEN RAPTURE, H.T. A splendid rose of upright growth. The pure yellow buds are ideal flowers large, very double. Each, 45c.

GRENOBLE, H.T. Long stemmed, beautifully shaped blooms of scarlet crimson. Each, 45c.

GRUSS AN TEPLITZ, H.P. The color is of the richest scarlet, shading to a velvety crimson; very fragrant. Each, 35c.

HEARTS DESIRE, H.T. Fragrant long pointed buds, color is a clear red and it does not fade. Received Highest Award in All-America Rose Selections in 1940-1941. Each, \$1.50.

HEINRICH WENDLAND, H.T. Large double two toned blooms. Inside of petals are nasturtium red, reverse golden yellow. Each, 50c.

HINRICH GAEDE, H.T. Bright vermillion, toned gold; good form and fragrance. Each, 50c.

IMPERIAL POTENTATE, H.T. Large long buds, perfectly formed, pink shading to deep rose. Each, 40c.

JOANNA HILL, H.T. Beautiful, distinctive shaped buds of light yellow with bronze shadings in center. Excellent for cut flowers. Each, 40c.

K. A. VICTORIA, H.T. Snowy white with pale lemon center. Each, 40c.

LEONARD BARRON, H.T. Very hardy. Buff pink, tinted salmon. Each, 45c.

You Will Be Proud of Our Roses

LUXEMBOURG, H.T.	Double, bronzy yellow; profuse bloomer.	Each, 45c.
MME. BUTTERFLY, H.T.	Large, double, soft pink suffused apricot.	Each, 45c.
MME. JULES BOUCHE, H.T.	White with blush tints in center.	Each, 50c.
MME. JOS. PERRAUD, H.T.	High centered, perfectly formed buds and double blooms that shade from shell pink at the edges to buff and orange in the center.	Each, 45c.
MARGARET McGREDY, H.T.	Profuse bloomer. Large double orange-scarlet.	Each, 40c.
McGREDY'S IVORY, H.T.	Delicate creamy white blossoms. Long pointed buds. Fragrant.	Each, 50c.
McGREDY'S SCARLET, H.T.	A beautiful brilliant red variety, with long pointed buds, borne on long stems.	Each, 45c.
McGREDY'S SUNSET, H.T.	Large blooms of clear yellow, blushing with delicate orange and scarlet.	Each, \$1.25.
McGREDY'S YELLOW, H.T.	Bright buttercup yellow. Blooms of perfect form. Very fragrant.	Each, 45c.
MISS ROWENA THOM, H.T.	Very double, rose-pink, gold at base.	Each, 45c.
MRS. E. P. THOM, H.T.	Rated as one of the best yellows.	Each, 45c.
MRS. HENRY BOWLES, H.T.	Pink, shaded salmon.	Each, 45c.
MRS. PIERRE S. DUPONT, H.T.	Free flowering with double rich yellow blooms.	Each, 50c.
MRS. SAM McGREDY, H.T.	Long buds of copper shaded scarlet.	Each, 50c.
NIGHT, H.T.	Dark maroon, almost black.	Each, 50c.
PEDRABLES, H.T.	Bud long, pointed, yellow, opening to cream and white. Very vigorous.	Each, 45c.
PINK KILLARNEY, H.T.	An old favorite. Color bright sparkling pink. Free bloomer.	Each, 40c.
PRESIDENT HERBERT HOOVER, H.T.	Maroon, orange and gold. Long-pointed buds, rigid stems. One of the best fall bloomers.	Each, 45c.
RADIANCE, H.T.	Brilliant rosy carmine shaded pink, large, full, of fine form. A constant bloomer and an excellent keeper.	Each, 40c.
RED RADIANCE, H.T.	An ideal bedding Rose of American origin that continues to produce its large flowers throughout the summer. A rose that does well everywhere.	Each, 40c.
REX ANDERSON, H.T.	Pure white with long pointed buds.	Each, \$1.50.
ROSE MARIE, H.T.	Large cup-shaped blooms of beautiful rose-pink, borne on long stems.	Each, 40c.
ROUGE MALLERIN, H.T.	Double, well formed blooms of lasting deep red.	Each, 45c.
SANTA ANITA, H.T.	Light rose pink, fragrant, free blooming.	Each, \$1.00.
SISTER THERESE, H.T.	A bright deep yellow. Attractive blooms that hold their color.	Each, 50c.
SOUV. CLAUDIOUS PERNET, H.T.	This variety continues to be popular because of its beautiful, full blooms of rich yellow.	Each, 40c.
SUNBURST, H.T.	Beautifully shaped buds. Double blooms of rich yellow.	Each, 45c.
SYRACUSE, H.T.	A very vigorous grower and continuous bloomer. Long slender scarlet-crimson buds.	Each, 45c.
TALISMAN, H.T.	The outside of the petals are bright yellow, gold and pink; as the flower opens it becomes bright apricot. A strong grower with glossy foliage.	Each, 40c.
TEXAS CENTENNIAL, H.T.	A deep red enlivened by a flush of gold. A strong grower and free bloomer.	Each, 60c.
VICTORIA HARRINGTON, H.T.	Lasting, velvety dark red, intensely fragrant blooms on vigorous free flowering plants.	Each, 45c.
WHITE KILLARNEY, H.T.	Large double pure white blooms, very fragrant.	Each, 45c.
WILL ROGERS, H.T.	Large dark red well formed flowers borne on strong stems.	Each, \$1.00.
DWARF POLYANTHA ROSES		
CAMEO.	Soft salmon pink suffused with gold. Continuous bloomer.	Each, 40c.
ELSE POULSEN.	A continuous bloomer. Semi-double rose pink flowers in clusters.	Each, 40c.
IDEAL.	A good grower and continuous bloomer. Dark red blooms in clusters.	Each, 40c.
HARDY CLIMBING ROSES		
AMERICAN BEAUTY CLIMBER.	Popular, brilliant carmine red.	Each, 40c.
DR. W. VAN FLEET.	The color is a remarkable delicate shade of flesh-pink on the outer surface, deepening to rosy flesh in the center.	Each, 40c.
DOUBLOONS.	Clusters of large cup-shaped blooms on good stems. Saffron yellow.	Each, \$1.00.
NEW DAWN.	The fragrant blush pink blooms are excellent as cut flowers because of their long stems and exquisite fragrance.	Each, \$1.50.
PAUL'S SCARLET CLIMBER.	No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet.	Each, 45c.
RED RADIANCE CLIMBER.	Sport of the Red Radiance bush.	Each, 45c.
SILVER MOON.	Very effective white with yellow stamens.	Each, 40c.
PRIMROSE.	A hardy climber with large very double yellow flowers.	Each, 40c.
CLIMBING TALISMAN.	The red and gold-colored blooms and the vigor of the plant have made this climbing sport of the bush Talisman well liked.	Each, 45c.
Our hardy dormant Roses are ready for delivery from the first of March until the fifteenth of April.		
H.T.—Hybrid Tea. H.P.—Hybrid Perpetual. If wanted by Parcel Post, add 5c each for postage. No plants sent C. O. D.		
Please Note: We send out only strong, healthy rose plants, and cannot be responsible for the care and growth after leaving our hands. If plants do not reach you in good condition, please notify us at once upon arrival.		

Hardy Ornamental Shrubs



Spirea Van Houtte

ABELIA, Grandiflora. A beautiful shrub growing 3 to 5 ft. tall. Holds its bright green foliage until late winter. Flowers in clusters, small, trumpet shaped, white flushed pink. Blooms from June to October. Each, 65c.

ALTHEA (Rose of Sharon). The Altheas are among the most valuable of our tall, hardy shrubs on account of their late season of blooming, which is from August to October; grow about 8 ft. high. Pink, Red, White. Each, 40c.

ALMOND, FLOWERING (Amygdalus). The flowers are borne on its slender branches during May, and are fragrant. Grows about 4 ft. high. Double-flowering pink. Each, 55c.

Buddleia (Butterfly Bush).

Daviddii Magnifica (Oxeye Butterfly Bush). The old favorite, with deep lavender spikes from June until late summer. Each, 35c.

Ille de France. Spikes of deep claret-purple. Very vigorous and free flowering. Each, 60c.

CORNUS (Pink Flowering Dogwood). Beautiful single deep rose-colored flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade. 4 ft. plants. Each \$2.25.

CREPE MYRTLE (Lagerstroemia).

Indica. A beautiful shrub, blooming late in summer. Protect in winter as you do roses. Red, purple or white. Each, 60c.

CYDONIA, Japonica.

Flowering Quince. Semi-upright shrub, bearing a profusion of light red flowers in early spring, fragrant fruit in fall. Each, 35c.

DEUTZIA. Very ornamental and popular shrubs with showy white or blush flowers appearing in tassel-like clusters in spring or early summer. Grows to 6 ft.

Pride of Rochester. Blooms in May in advance of the others. With very large, double white flowers. Each, 35c.

FORSYTHIA. A very decorative shrub with bright golden yellow, star-shaped flowers which burst into bloom at the beginning of spring while the bush is otherwise bare; grows about 6 ft.

Intermedia. Flowers bright yellow, glossy green foliage, 3 or 4 ft., extra bushy. Each, 45c.

Spectabilis. Hardiest of all Forsythias. A very profuse bloomer. Highly ornamental. Large rich yellow flowers. Each, 45c.

HYDRANGEA.

Arborescens Grandiflora Alba (Snowhill Hydrangea). Flower early in June and last until late in August. Especially suited for shaded places; grows about 5 ft. high. Each, 50c.

Paniculata Grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast; grows about 3 ft. high. Each, 50c.

KOLKWITZIA (Beauty Bush).

Amabilis. Blooms in June, long arching sprays of pale pink tubular flowers, one of the finest shrubs, about 5 ft. Each, 50c.

LILAC or SYRINGA (French Hybrid).

Charles Tenth. Red. Each, 70c.
Marc Micheli. Blue. Each, 70c.

Mme. Casimir Perier. White. Each, 70c.

LONICERA (Upright Honeysuckle).

Tartarica Grandiflora Rosea. A beautiful shrub, very vigorous, and producing bright red flowers striped with white in June; grows about 8 ft. Each, 40c.

PHILADELPHUS (Mock Orange).

Grandiflorus (Mock Orange). Grows 10 ft. high. For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, white flowers in dense clusters. Each, 35c.

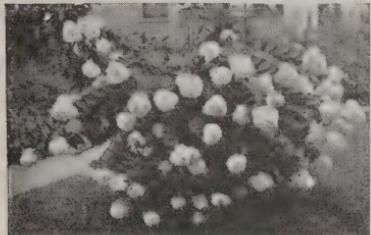
Virginal. In June the plants appear as a huge bouquet, being completely covered with very large, double crested flowers that are pure white, sweet-scented and produced in clusters of five to seven. Grows about 8 ft. high. Each, 50c.



Hall's Honeysuckle

Deutzia, Pride of Rochester

Our Shrubs Are Strong With Heavy Roots



Hydrangeas, P. G.

SPIRAEA.

Anthony Waterer. Bright crimson; it is of dwarf, dense growth, never exceeding 30 in. in height.
Each, 25c.

Van Houtte. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Grows 6 ft. high. Each, 25c.

Prunifolia (Bridal Wreath). Double pure white flowers, a perfect gem, each individual flower as double as a Ranunculus and very conspicuous. Grows about 5 ft. high. Each, 45c.

TAMARISK.

Gallica. A refined graceful shrub. Foliage is very delicate and feathery. Flowers are light pink borne in loose sprays. Each, 40c.

VIBURNUM.

Common Snowball (*V. opulus sterile*). This old-fashioned favorite grows most anywhere. Attains a height of 6 to 8 ft. Each, 50c.

Lantana. An upright vigorous shrub. White flowers, followed by red berries which turn black in the fall. 6 to 8 ft. Each, 40c.

Opulus (High-Bush Cranberry). The white flowers in June are followed in autumn by bright scarlet berries. About 5 ft. high. Each, 55c.

VITEX (*Macrophylla*). This rare plant should be in every garden. The blue flowers are borne profusely on terminal spikes during midsummer. The leaves are deeply cut to star shape. 5 ft. Each, 60c.

WEIGELAS.

Floribunda. Medium height with spreading branches. The flowers are rich red and produced in great profusion in the spring and at intervals throughout the summer. Each, 50c.

Rosae. The flowers are rose pink. Plants are spreading, height about 5 ft. Each, 45c.



Butterfly Bush



Forsythia

HEDGE PLANTS

CALIFORNIA PRIVET. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 in. apart in double rows, in zig-zag fashion. 2-year-old, 24 to 30 in.

10 for 50c; 20 for 90c; 100 for \$4.00.

BERBERIS THUNBERGII (Japan Barberry). Perfectly hardy. Will make a dense hedge from 2 to 3 ft. high.

Each 20c; 10 for \$1.50; 100 for \$12.00.

RED-LEAVED JAPANESE BARBERRY. It is similar in all respects to the green-leaved Japanese Barberry which is so popular, but the foliage is bronzy red.

Each, 30c; 10 for \$2.75.

VINES

AMPELOPSIS (Boston Ivy).

Veitchii. This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 ft. in two or three years; clings to stone, brick or woodwork with the greatest tenacity.

Each, 40c.

BITTERSWEET. A native climber, with handsome, glossy foliage and large clusters of beautiful orange-crimson fruits, remaining all winter.

Each, 40c.

CLEMATIS (*Paniculata*). This grand climbing vine is one of the most valuable for porches. Blooms in the early fall, fleecy-white, fragrant flowers. Strong two-year plants.

Each, 35c.

HONEYSUCKLE, Climber.

Halliana (Hall's Japanese Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December.

Each, 30c.

Heckrottii. An attractive vine with large light green foliage and showy coral-red and gold flowers.

Each, 30c.

POLYGONUM (Silver Lace Vine). One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers. Strong plants.

Each, 55c.

WISTERIA.

W. Sinensis (Chinese). Flowers in clusters; purple; sometimes gives a second crop of flowers in the fall. Strong plants.

Each, 50c.

W. Sinensis Alba. Of similar habit to *Sinensis*, with pure white flowers. Strong plants.

Each, 45c.

Ready for shipment from March 1st to April 15th.

Note: Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary. If wanted by parcel post add 5c for each plant.

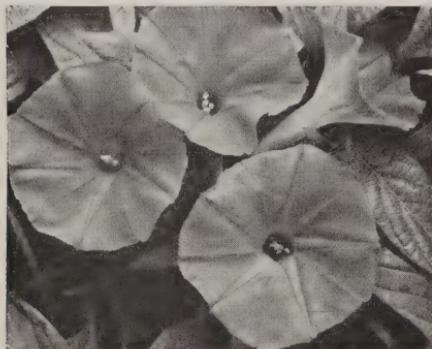
We send out only strong, healthy plants, and cannot be responsible for the care and growth after leaving our hands. If plants do not reach you in good condition, please notify us at once upon arrival.



RANUNCULUS

Many beautiful colors. Red, violet, orange, yellow, white. In mixture only. Price per dozen, 50c.

Plant early



MORNING GLORY

A red, white, and blue background for your garden
SCARLETT O'HARA (red). Pkt.....15c
PEARLY GATES (new white). Pkt.....25c
HEAVENLY BLUE. Pkt.....10c



HEMEROCALLIS Day Lilies

DR. REGAL. Yellow shaded orange. Each, 30c.

GOLD DUST. Golden yellow. Each, 25c.

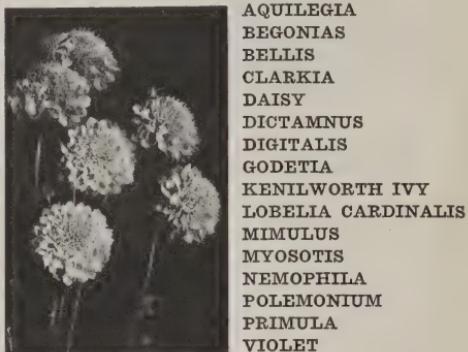
LEMON KING. Lemon yellow. Each, 25c.

SIEBOLDI. Pale yellow. Each, 25c.

1 each of above for 85c.

What Shall

PLANTS FOR SHADED AND PARTIALLY SHADED PLACES



FLOWERING ANNUALS WHICH ARE BEST FOR MASSING IN BEDS AND BORDERS

AGERATUM
ALYSSUM
ANTIRRHINUM
ASTER
CALENDULA
CALLIOPSIS
CANDYTUFT
CENTAUREA
CHRYSANTHEMUMS
CHINESE
WOOLFLOWER
CLARKIA
COSMOS
DIANTHUS
ESCHSCHOLTZIA
GAILLARDIA
GODETIA

GOMPHRENA
HUNNEMANNIA
LARKSPUR
MARIGOLD
NASTURTIUM
NICOTIANA
NEGELLA
PANSY
PETUNIA
PHLOX
PINKS
POPPY
SALVIA
STOCKS
VERBENA
ZINNIA

PLANTS FOR EDGING

AGERATUM
ALYSSUM
ARMERIA
CANDYTUFT
DIMORPHOTHECA
LOBELIA
MARIGOLD DWARF

MYOSOTIS
NEMESIA
PANSY
PETUNIA DWARF
PHLOX DUMMONDI
TAGETES SIGNATA
PUMILA

FLOWERS FOR CUTTING

ANTHEMIS
ASTERS
CACALIA
CALENDULA
DAHLIA
DAISY
DELPHINIUM
DIANTHUS
FEVERFEW

GAILLARDIA
GLADIOLUS
GYPSOPHILA
LARKSPUR
NASTURTIUM
PANSY
ROSE
TUBEROSES
ZINNIA

We Plant?

FRAGRANT FLOWERS

ALYSSUM
CANDYTUFT
CARNATION
DATURA
DIANTHUS
ERYSIMUM
HELIOTROPE
LILIES
MATTHIOLA
MIGNONETTE
NASTURTIUM
NICOTINA AFFINIS
STOCKS
SWEET PEAS
VIOLET
WALLFLOWER



ORNAMENTAL FOLIAGE PLANTS

AMARANTHUS
CENTAUREA
CANDIDISSIMA

COLEUS
KOCIA
RICINUS

PLANTS FOR HANGING BASKETS

ALYSSUM
ASPARAGUS
PLUMOSUS
ASPARAGUS
SPRINGERII
GERANIUM

KENILWORTH IVY
LANTANA
LOBELIA
NIEREMBERGIA
PETUNIA
THUNBERGIA

CLIMBING ANNUALS

BALLOON VINE
CANARY BIRD VINE
CARDINAL CLIMBER
COBEA SCANDENS
CYPRESS VINE
DOLICHOS

MINA LOBATA
MOONVINE
MORNING GLORY
NASTURTIUM
SCARLET RUNNER

BEAUTIFUL JAPANESE IRIS

Price, 25c each; 5 for \$1.00



GOLD BOUND.
White with
golden stripes.

KURO-KUMO,
Red, latest in
blossom.

RAN. Reddish
dark purple.

SHIPPO. Blue
intermingled
with white.

SUIREN. Very
light pink,
broad white
center.



BEAUTIFUL GLADIOLUS

12 Dr. Bennett	Red	35c
12 Giant Nymph	Pink	30c
12 King Arthur	Lavender	35c
12 Carmen Sylva	White	35c
12 Gold Eagle		40c

\$1.75

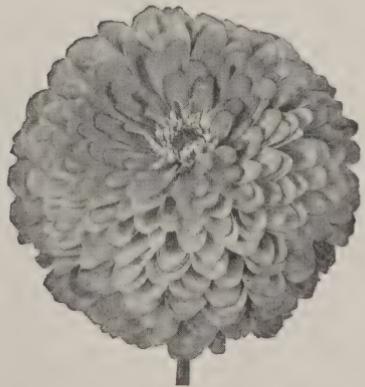
1 Doz. each of above
\$1.35

SPECIAL MIXED GLADIOLUS

Blooming Size, Fine Varieties
100 for \$1.00

FLOWERING PERENNIALS THAT ARE EASY TO GROW FROM SEED

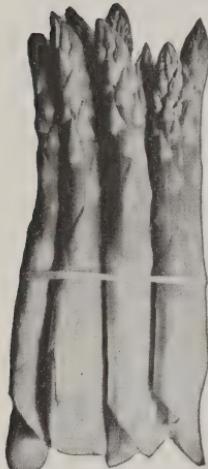
ANCHUSA	HELIOPSIS
AQUILEGIA	OENOTHERA
ARMERIA	PLATYCODON
BOLTONIA	POLEMONIUM
CARNATION	PYRETHRUM
CHRYSANTHEMUM	SALVIA (Blue)
COREOPSIS	STATICE
DAISY	SWEET WILLIAM
DELPHINIUM	VIOLA
GAILLARDIA	WALLFLOWER
HELIANTHEMUM	



GIANT ZINNIA COLLECTION

1 pkt. each purple, rose pink, red, white, yellow.
5 pkts., 35c

ST. LOUIS SEED COMPANY'S RELIABLE VEGETABLE SEEDS



Martha Washington

ASPARAGUS, Martha Washington. (One ounce will sow 50 feet of drill). The shoots of this vigorous and prolific variety are large, deep green tinged with purple at the tips, and are resistant to Asparagus Rust.
Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 90c.

ARTICHOKE, Green Globe. The plants of medium height. The edible buds or flower heads are deep green, globe-shaped. The fleshy scales are moderately broad and full at base and are regarded as a delicacy.
Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25.

DWARF BEANS

One pound will plant 100 feet of row; thirty pounds will plant an acre.

At the following prices on Beans, packets up to five pounds are sent prepaid, all larger quantities are shipped at purchaser's expense.

Write for prices in larger quantities.

Culture: Plant about the first of May in rows, placing the seed 2 to 3 inches apart in drills about 2 inches deep. The rows should be about 2 $\frac{1}{4}$ feet apart, and the soil slightly hillied, to insure good drainage. Frequent pickings insure a more prolonged bearing season. For succession plant every two weeks up to August 1st.

GREEN-PODDED VARIETIES

BOUNTIFUL STRINGLESS. 48 days. This is the best flat-podded stringless variety. The light green pods are 6 $\frac{1}{2}$ to 7 inches long, stout, flat, somewhat curved, absolutely stringless.

Pkt. 5c; $\frac{1}{2}$ lb. 20c; 1 lb. 30c; 5 lbs., \$1.00.

FULL MEASURE. 54 days. Pods are medium green, round, fleshy, fine grained and strictly stringless.

Pkt. 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

MAMMOTH STRINGLESS GREEN POD. (Tender-green). 56 days. A very high quality green-podded sort, producing large pods, some of which measure 6 inches in length, of the finest quality. Pods are perfectly round.

Pkt. 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

STRINGLESS GREEN POD. 52 days. A very desirable dwarf green-podded snap Bean largely grown for the market. The pods are medium green, 5 to 6 inches long, are of high quality and remain crisp and tender.

Pkt. 5c; $\frac{1}{2}$ lb., 15c; 1 lb., 30c; 5 lbs., \$1.00.

THE COMMODORE. (A Dwarf Kentucky Wonder.) Pods 8 to 9 inches. Excellent quality. Very fleshy, brittle, and of fine texture, stringless. Medium early. Plants are vigorous, of an upright growth so that the pods seldom touch the ground. An All-America Selection.

Pkt. 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 65c.

VALENTINE STRINGLESS. 45 days. Vines strong and vigorous; pods green, medium length with creases in the back; very fleshy, crisp and tender.
Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

WHITE NAVY. (Shell Bean.) The famous little white soup Bean.

Pkt., 5c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., 85c.

WAX-PODDED VARIETIES

ST. L. S. CO.'S WHITE WAX. 48 days. This round-podded Dwarf Wax Bean has attained the top notch among Beans of this class, the pods average 5 to 6 inches in length, a round-podded wax variety; they are very solid, meaty and tender.

Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

GOLDEN WAX. 48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4 $\frac{1}{2}$ to 5 inches long, thick, oval, fleshy, brittle, stringless.

Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

PENCIL POD WAX. 52 days. Very desirable for home and market garden and for truckers. Plant large and thrifty, heavily productive over long period. Pods handsome bright yellow; 5 $\frac{1}{2}$ to 6 inches long. Seeds black.

Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

POLE BEANS

One pound will plant 100 feet of row; thirty pounds will plant an acre. Prices on Beans, packets up to five pounds are sent prepaid, all larger quantities at purchaser's expense.

Culture: Pole Beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—in this latitude, after May 1st. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4-foot rows and plant five or six beans 2 inches deep around each pole.

KENTUCKY WONDER, Old Homestead. 65 days.

Unexcelled for home and market garden, thrifty, heavily productive. Pods medium green; 8 to 9 inches long, nearly round and $\frac{1}{2}$ inch in diameter; slightly stringy, fleshy.

Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.15.

ST. L. S. CO.'S WHITE CORNFIELD. 65 days. An early maturing, green-podded, white-seeded pole sort, desirable for snaps and unsurpassed in its class as green shell beans. The pods are round, very long, often 8 to 9 inches, irregular in shape and quite stringless.

Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.15.

YARD LONG POLE BEAN. (A novelty). Excellent climber and heavy producer. Pods medium green, 20 to 30 inches long.

Pkt., 10c; $\frac{1}{4}$ lb., 25c.



Stringless Green Pod

Our Seeds Are Hormone Treated

DWARF OR BUSH LIMA BEANS

One pound will plant 60 feet of row; 50 to 60 pounds per acre.

ST. L. S. CO.'S IMPROVED BUSH LIMA. 70 days. Similar to Burpee's Bush Lima, except smaller. Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

BURPEE'S IMPROVED BUSH LIMA. 75 days.

Plant large, productive. Pods large, 4½ to 5 inches long; usually contain 4 large, thick beans. Dry beans large, flat, greenish white.

Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

HENDERSON'S BUSH (Baby Lima). 65 days. Popular for canning. Very productive. Pods 3 inches long, contain 3 to 4 seeds. Splendid quality.

Pkt., 5c; 1/2 lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

KRAMER'S BUSH LIMA. 70 days. An excellent variety. Pods 4½ to 5 inches long, containing 4 seeds, very productive, splendid quality.

Pkt., 10c; 1/2 lb., 25c; 1 lb., 45c.

POLE LIMA BEANS

ST. L. S. CO.'S GENUINE BUTTER. 80 days. These Beans have a creamy white color, in large pods; more delicious than the ordinary Lima Bean.

Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c.

KING OF THE GARDEN. 84 days. One of the best Pole Limas, large leaved, good climber. Pods about 4½ to 5½ inches long, dark, large and containing about 3 or 4 beans to the pod. Seed flat, and white with a slight green tinge.

Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c.

SMALL WHITE LIMA (or Sieva). 82 days. A very reliable heavy yielding variety. The earliest of the Pole Limas, bearing green shell beans in 78 days.

Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c.

MANGELS OR STOCK BEET

One ounce of seed plants 100 feet; 5 lbs. per acre.

GIANT HALF-SUGAR, ROSE TOP. Roots long, oval, tapered; grayish white with rose colored shoulder; flesh white, rich in sugar.

Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1 lb., \$1.25.



Broccoli

MAMMOTH LONG RED. Roots very large; long spindle shape, straight and thick; grow one-third to one-half out of ground; light red; flesh white tinged with rose.

Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1 lb., \$1.25.

BEETS

Culture: Seed should be sown at the rate of one ounce to 50 feet of row; 5 to 6 lbs. to acre. The rows should be spaced 16 to 18 inches apart. Work the soil well and cover the seeds about ¼ inch deep.

DETROIT DARK RED (Selected). 55 days. The standard of excellence in table Beets for home and market garden, for shipping, and for canning. Roots globe-shaped; very dark blood-red.

Pkt., 5c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

EXTRA EARLY EGYPTIAN. 50 days. Particularly valuable for early market. Tops small and upright; roots flattened, with long slender tap roots; flesh dark purplish red zoned lighter.

Pkt., 5c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

EARLY TABLE. 54 days. The roots are very smooth, even in size and almost perfectly globular. The tap root is slender and the root pinches closely at the base of the tap root. The skin is smooth and very dark red.

Pkt., 5c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

EARLY WONDER. (Selected.) 54 days. This is the earliest Beet for bunching purposes. Deep blood-red, nearly globular root. It's attractive appearance make it valuable for market garden.

Pkt., 5c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

CROSBY'S EGYPTIAN. (Selected.) 56 days. The roots are flattened globe-shaped and very smooth. This is one of the best for early planting outdoors.

Pkt., 5c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

Beet Spinach or Swiss Chard

Culture: Swiss Chard belongs to the beet family but only the tops are edible. Sow seed early in rows 16 inches apart—thin to 8 inches apart in the row. The heavy center rib is delicious when cooked and served as asparagus. The leafy part cooked like spinach.

LARGE RIBBED WHITE. The leaves are broad, somewhat waved stalks broad and white.

Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1 lb., \$1.50.

LUCULLUS. Large leaves are wrinkled with thick midribs, tender and of good flavor.

Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1 lb., \$1.50.

BORAGE

A hardy annual used as a pot herb and for bee pasturage. The bruised leaves immersed in water give it an agreeable flavor.

Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1 lb., \$3.00.

BROCCOLI

Closely allied to the Cauliflower. It is generally considered more hardy. Sow seed in frames early in spring, culture same as cauliflower.

GREEN SPROUTING CALABRESE. The plants form a large, solid head which remains green. After this head is cut out, a number of sprouts develop from the leaf-axils, each sprout terminating in a small head about one inch in diameter.

Pkt., 10c; oz., 30c; 1/4 lb., 90c.

Grow Several Kinds of Cabbage This Year



Long Island Improved

BRUSSELS SPROUTS

They are grown wherever conditions are favorable for late cabbage and require the same culture. They mature best in the autumn after the weather becomes cool.

LONG ISLAND IMPROVED. Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm, round, cabbage-like balls of $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c.

CHINESE or CELERY CABBAGE

Culture: This is not a true Cabbage and is often called Celery Cabbage on account of the shape of the heads which resemble celery. The flavor is distinct. It combines the qualities of both celery and cabbage and is highly prized as a salad vegetable. Plant seed out-of-doors in early summer. Thin to 12 to 16 inches apart in the rows. If planted too early this species will "bolt" during hot weather and fail to form heads.

WONG BOK. A comparatively short type with blocky heads, 8 to 10 inches tall, tightly folded and are rich creamy white in color.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.75.

CHIHLI. This is a sure heading, vigorous growing variety with erect, cylindrical pointed head 18 to 20 inches long.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.90.



Wong Bok

CABBAGE

One ounce will produce about 2,000 plants; $\frac{1}{4}$ lb. seed in beds will produce plants for one acre.

Culture: Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant in July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2 $\frac{1}{4}$ feet each way. To be well grown, Cabbages require a deep, rich loamy soil.

ALL SEASON OR SUREHEAD. 85 days. The name best describes this variety as it is sure-headed, of the flat Dutch type of heads and a first class main crop. The heads are very large and solid.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25.

CHARLESTON OR LARGE WAKEFIELD. 70 days. The hardiness and size of this first early variety have made it very popular. It is especially recommended for succession to follow Jersey Wakefield.

Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

COPENHAGEN MARKET. 65 days. The compact growth of the plant, the solidity of the head, its excellent flavor, and earliness. Copenhagen Market one of the most popular early Cabbages.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

EARLY DWARF FLAT DUTCH. 70 days. Plants compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep, and weigh 4 $\frac{1}{2}$ to 5 lbs; firm and of high quality.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25.



Savoy

EARLY JERSEY WAKEFIELD. 62 days. Extremely early variety, very valuable for home and market garden. Heads firm and conical, usually 7 inches long, 5 inches thick near base.

Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

GOLDEN ACRE. 62 days. The earliest round headed Cabbage; especially valuable for early market and shipping. Plants compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weigh 3 pounds. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

MARION MARKET. (Yellows Resistant.) 85 days. This was originally bred up from Copenhagen Market. It takes about 20 days longer to mature.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Celery Crisp and Delicious

CABBAGES—Continued

SUPERIOR LATE FLAT DUTCH. 100 days. We recommend this sort for markets that require a very large and deep head. The plants are large, fairly compact.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25.

RED CABBAGE

EARLY RED ERFURT. This is a favorite variety with those who like Red Cabbage. The heads grow medium size and are practically ball-shaped.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

MAMMOTH ROCK RED. The largest and surest heading red Cabbage.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

SAVOY OR CURLLED CABBAGE

EARLY DWARF ULM SAVOY. A very early and superior dwarf variety of fine quality.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

PERFECTION LATE SAVOY. The best of the main crop and late Savoys for home use or market.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.



Chantenay Half Long

CARROTS

One ounce will sow 100 feet of drill.

Culture: April is the time to sow for early use. Sow seeds in drills 12 to 15 inches apart, covering seed about $\frac{1}{4}$ inch. For general crop sow in May and June.

CHANTENAY HALF-LONG SCARLET OR MODEL. 70 days. Roots about 5 to 6 inches in length, 2 to $2\frac{1}{2}$ inches thick at the crown, smooth and tapering. Small top set in a slight depression. Color deep orange red. A fine medium early, half long, stump rooted.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

RED-CORED CHANTENAY. 70 days. This is a distinct improvement over the well known Chantenay. Roots $5\frac{1}{2}$ to 6 inches long, $2\frac{1}{4}$ inches thick at the shoulder, tapered, stump-rooted; flesh and core reddish orange.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

DANVERS HALF-LONG. (Selected.) 75 days. For a general crop Danvers Half-Long Carrot stands supreme; a half-long orange Carrot. The tops are of medium size. The mature roots are 6 to 8 inches long.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

IMPERATOR (Bunching Carrot). An unusually fine variety high quality roots, rich orange, very little core, and of fine sweet flavor.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

OX-HEART OR GUERANDE. 70 days to produce roots of good table size. Roots scarlet-orange; broad, blunt, heart-shaped; become $4\frac{1}{2}$ to 5 inches long.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

ST. VALERY. 85 days. The roots are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

CAULIFLOWER

One ounce of seed will produce from 3,000 to 4,000 plants.

Culture: For spring and early summer crop, sow in February or early in March in hotbed. Seed should be thoroughly pressed into the ground after sowing. This insures quick germination. Cover seed with $\frac{1}{8}$ inch of fine soil. Transplant to cold frame when sufficiently large to handle. As soon as danger of hard freezing is over set in the open ground in rows $2\frac{1}{2}$ to 3 feet apart and 18 inches apart in row.

ST. L. S. CO.'S SUPER SNOWBALL. 65 days.

This Snowball is healthier and more vigorous than any of the old stocks. The head is perfectly protected by leaves until it reaches a size of five inches in diameter, when it needs to be tied up; and then, if growing conditions be favorable, the head will attain marketable size in a few days.

Pkt., 10c; $\frac{1}{4}$ oz., 75c; oz., \$2.50; 4 ozs., \$9.00.

EARLY SNOWBALL. 54 days. It is admirably adapted for forcing, also one of the best sorts for late summer and fall crop. The plants are compact, with few short, outside leaves and are well suited for close planting. The heads are of medium to large size, solid, very white.

Pkt., 10c; $\frac{1}{4}$ oz., 65c; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

CARDOON

CARDOON. Long, smooth stalks requires blanching. Raised like celery. Tender roots used as a winter vegetable.

Pkt., 10c; oz., 40c.

CELERY

One ounce will produce about 3,000 plants.

Culture: The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row.

GIANT PASCAL. One of the old standard green varieties, exceptionally fine flavored and brittle. Our strain is comparatively free from soft stalks.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

GOLDEN PLUME. This strain of Celery closely resembles the old Golden Self-Blanching in crispness and flavor, but is distinctly larger and ranker in growth, more plainly ribbed, blanches more quickly, matures earlier.

Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

WHITE PLUME. The plants are of vigorous growth. They blanch easily and quickly.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

CURLLED CELERY. Used for flavoring soups, etc.

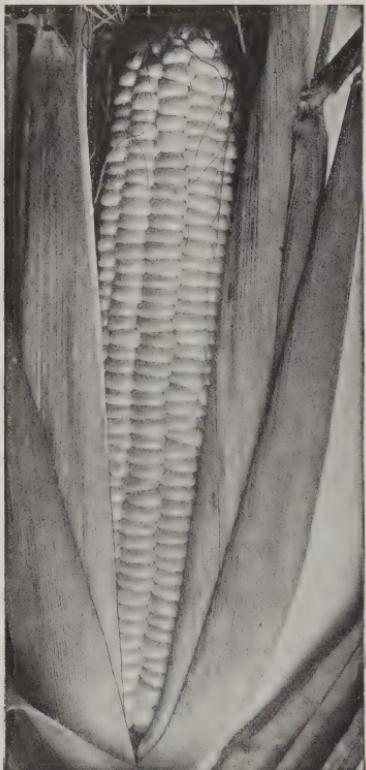
Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c.

TURNIP-ROOTED CELERY

GIANT PRAGUE. An improved variety of turnip-rooted celery producing large tubers of nearly globular shape and comparatively smooth surface.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.00.

Hormone Treated Seeds Grow Better



Stowell's Evergreen

CHICORY

Culture: Sow seed at the same season and give the same treatment as celery. Transplant to moist, rich soil, in rows 2 feet apart and 6 inches apart in row. Give thorough cultivation. It is not necessary to earth up or "handle" the plants. After the roots are 2 inches in diameter, they are ready for use.

WITLOOF CHICORY. The seed should be sown during April in the open ground, in drills 10 to 12 inches apart. Allow the plants to grow until November, then take up and trim off the outer leaves and place in a trench 8 to 12 inches deep. For blanching place the roots upright, about 1½ inches apart.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

CHICORY, LARGE ROOTED. The dried and prepared roots are used quite extensively as a substitute or adulterant for coffee; the leaves are used for salad.

Pkt., 10c; oz., 30c; ¼ lb., 90c.

COLLARDS

GEORGIA OR SOUTHERN. This vegetable grows 2 or 3 feet high and produces large light green leaves on rather long stems. A frost, if not too severe, will improve the quality.

Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

CORN SALAD

LARGE-SEEDED, LARGE-LEAVED. During August or September sow the seed in shallow drills about 1 foot apart, covering with one-fourth inch of fine soil firmly pressed down. On the approach of severe cold weather, cover with straw. Pkt., 10c; oz., 30c; ¼ lb., 90c.

SWEET CORN

One pound of seed will plant about 100 hills; 10 pounds an acre in hills.

Culture: A rich warm soil is the best, but excellent Sweet Corn can be raised on any good soil, that is deeply and thoroughly worked before planting. If planted in hills, make the hills for the early varieties 3 feet apart each way and plant 4 to 6 kernels to the hill. For the later sorts the hills should be 3½ to 4 feet apart each way.

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen, resulting in a large golden yellow ear. They average 8 to 9 inches in length, with 12 or 14 rows of kernels of fine quality. Maturity is in about 90 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

BLACK MEXICAN. Maturing in 85 days. This is one of the finest flavored Sweet Corns. When in table condition the kernels are pearly white. Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

COUNTRY GENTLEMAN. Maturing in 100 days. Heavy yielding variety with Evergreen character. Plants 6½ to 7 feet tall, commonly with 2 or more ears, set solid with irregular rows of white kernels; very deep; sweet and tender.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

EARLIGOLD HYBRID. A new hybrid for the most critical gardener. The kernels are of medium size, sweet, golden yellow and excellent quality ears 7 inches long. Matures in 70 days.

Pkt., 10c; ½ lb., 25c; 1 lb., 40c.

EARLY TABLE. A flinty grain which enables it to be planted very early. Height 4 to 4½ feet, maturing in 65 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

GOLDEN BANTAM. Maturing in 75 days. The ear has eight straight rows of broad, meaty kernels which are a rich, golden yellow.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

GOLDEN CROSS BANTAM. 88 days. A sturdy hybrid that stands adverse conditions. Ears are 7 to 8 inches long with 10 to 14 rows of highest quality golden yellow kernels. Produces marked increase in yield and surprisingly uniform stalks and ears.

Pkt., 10c; ½ lb., 20c; 1 lb., 35c.

HOWLING MOE. A medium early variety with large ears, averaging some eight inches long, white and of very fine flavor. The ears have 12 rows, maturing in 80 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

STOWELL'S EVERGREEN. The greatest of the late white varieties, it has been known under the same name for at least forty years. It is the standard main crop variety, bearing thick ears which average well over 8 inches in length, often reaching 9½ inches. It is one of the sweetest varieties known. The ears have 12 rows of deep kernels. Matures in about 100 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

VANGUARD. Maturing in 70 days. Vanguard is the most profitable early Sweet Corn under cultivation. It is the earliest large-eared Sweet Corn we know of, and it has excellent table quality.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

FRESH CRISP CUCUMBERS FROM HORMONE TREATED SEEDS



St. L. S. Co.'s Improved Green Hybrid

CUCUMBERS

One ounce will plant 50 hills; 2 pounds will plant an acre.

BLACK DIAMOND. Fruits rich dark green, retaining their color long after pickling. 7 to 8 inches long, $2\frac{1}{4}$ inches thick, slightly tapered, full at both ends.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

DAVIS PERFECT. A very fine Cucumber. Beautiful dark green color. Fruits 8 to 10 inches long, tapering at both ends, solid flesh, few seeds. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

EARLY WHITE SPINE. This truly is the peerless Cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

GHERKIN OR BURR. An early maturing, very small, dark green Cucumber; an ideal bottle pickle.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

JAPANESE CLIMBING. Here is a variety that won't take up so much space in your garden as it easily trails up poles or trellises.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

LONDON LONG GREEN. The fruits are very long, often 12 to 15 inches when mature, yellow when ripe. It is a standard sort for slicing and is very largely used for pickles.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50.

ST. L. S. CO.'S IMPROVED GREEN HYBRID. We consider this the finest all around Cucumber in existence. It is long and straight, color is deep green. Very productive.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

NATIONAL PICKLING. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days and is the earliest of the varieties in common use.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

STRAIGHT EIGHT. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green, free from pale striping, and very productive.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50.

CRESS

CURLED OR PEPPER GRASS. The leaves are frilled or curled, and are used for garnishing. The plant is of rapid growth, about one foot high.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

WATER CRESS. Seeds may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the running stream.

Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

DANDELION

One ounce will sow 100 feet of row.

Culture: Sow in early spring in rows 18 inches apart, covering firmly with fine soil. Thin or transplant to 10 or 12 inches apart. The leaves are used as salad or as boiled greens.

Pkt., 10c; $\frac{1}{2}$ oz., 30c.

EGG PLANT

An ounce of seed is enough for 1,000 plants.

Culture: Start the seed early March in hotbed or boxes and transplant to open ground when danger of frost has passed. The rows should be three feet apart and plants two feet in the row.

BLACK BEAUTY. Produces large, egg-shaped or bulbous fruit of fine color and quality. Has no spines, and is the earliest.

Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

ENDIVE

One ounce of seed for 50 feet of row; 4 to 5 pounds per acre.

Culture: Sow seed in rows 14 to 20 inches apart, and when well established, thin to one plant per foot. When nearly full grown, blanch by tying the leaves together.

FULL HEART BATAVIAN. A distinctly improved form of Broad-Leaved Endive. Plant medium large with deep, full, well blanched heart of unfolded broad leaves.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.35.

GREEN CURLED. (Pink Ribbed.) The leaves of this variety are finely divided, giving a mossy appearance. The center tends to blanch to a delicate white. The plant is hardy and vigorous and especially good for fall and winter use.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.35.

FENNEL

FLORENCE. One of the finest Italian delicacies. It has an enlarged leaf base which should have soil drawn up around it when it is the size of a hen's egg. Used as a salad or boiled.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.00.

POP CORN

SOUTH-AMERICAN. A 12 to 15-rowed variety with smooth bright yellow kernels, which pop large and tender.

Lbs., 20c.



Black Beauty Egg Plant

Make a Herb Garden

HERBS

SWEET, MEDICINAL AND POT HERBS

The varieties marked in asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry, wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in jars.

ANISE. An annual herb cultivated principally for its seeds which are fragrant and have a pleasant taste.

Pkt., 10c.

BASIL, SWEET. A hardy, aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces.

Pkt., 10c.

BORAGE. A hardy annual used as a pot herb and for bee pasturage.

Pkt., 10c; 1 lb., \$3.00.

CARAWAY (Kummel). A well known herb, cultivated for its seeds.

Pkt., 10c.

CATNIP or CATMINT. For seasoning.

Pkt., 10c.

CHERVIL, CURLLED. Used in soup.

Pkt., 10c.

CHIVES. A perennial herb; member of the onion family. The slender tubular leaves have a delicate onion flavor. The flowers are lavender blue.

Pkt., 10c.

CORIANDER. A hardy annual cultivated for its seed which has an agreeable taste.

Pkt., 10c; oz., 35c.

DILL MAMMOTH. An annual of aromatic odor and pungent taste. Its seeds are used for seasoning. It possesses medical properties but its largest use is for making dill pickles. Plant branching, 2 to 3 feet high.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 90c.

***HOREHOUND.** A perennial herb with bitter, pungent juices that are used in making cough syrup and candies.

Pkt., 10c.

LAVENDER (Lavandula). Lavender gets its name from the Latin *lavo*, to wash; referring to the use of lavender in the bath. Lavender is also credited with stimulant and tonic properties.

Pkt., 10c.

***MARJORAM, SWEET.** The young tender tops and leaves are used green in summer to flavor broths, dressing, etc., and are also dried for winter use.

Pkt., 10c.

***MINT (Spearmint).** Used for flavoring drinks jellies, etc.

Pkt., 25c.

***Rosemary.** The leaves are used for flavoring meats and soups, and for medicinal drinks.

Pkt., 10c.

***SAGE.** Used for seasoning.

Pkt., 10c.

SAFFRON. Cultivated for its flowers which are used for coloring.

Pkt., 10c.

SAVORY, SUMMER. The dried stems, leaves and flowers are used for seasoning.

Pkt., 10c.

TARRAGON (Estragon). For flavoring. The young leaves are used for pickles, etc.

Pkt., 10c.

***THYME.** A perennial herb, 8 to 10 inches high, used for seasoning.

Pkt., 10c.

***WOODRUFF.** Fragrant leaves and stems; used for putting among clothes.

Pkt., 10c.

***WORMWOOD.** Used medicinally and in liquors; a tonic for poultry.

Pkt., 10c.

KALE

Sow four pounds to the acre; one ounce will sow 100 feet of drill.

Culture: Where climate permits, seed may be sown any time from February to October. The quality is improved rather than injured by frosts if not too heavy.

DWARF GERMAN FOR SPRING. An improved selection of the ordinary Dwarf German Greens.

A superior variety for market culture.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25; 5 lbs. \$5.50.

DWARF GERMAN HOME GROWN (for Fall).

Largely grown for supplying "greens" during the fall and winter. The plants are hardy. The leaves are very large, deeply curled and fringed.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25; 5 lbs. \$5.50.

TALL SCOTCH. This variety makes beautiful plants, 2 feet or more in height. Leaves are finely curled and very tender.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.

KOHL-RABI

One ounce will sow about 200 feet of drill.

Culture: Seed should be sown in light, rich soil as early in spring as possible in rows 1½ feet apart and when well established thin to 6 inches apart in the row.

EARLY WHITE VIENNA. A standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

EARLY PURPLE VIENNA. Differs from the Early White Vienna in color only.

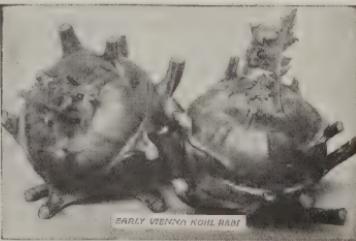
Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

LEEK

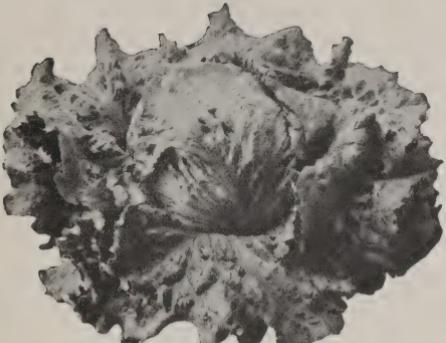
Culture: Sow early in spring in drills 12 to 15 inches apart, covering $\frac{1}{4}$ inch deep. Thin plants to 6 inches apart in row.

LONDON FLAG. This well known broad leaved leek is hardy, productive, of good quality.

Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c; $\frac{1}{4}$ lb., \$1.75.



Crisp Tender Lettuce



New York

LETTUCE

One ounce will produce 3,000 plants.

EARLY CURLLED VARIETIES

BLACK SEEDED SIMPSON — Easily grown, especially recommended for spring and early summer use. The leaves are large yellowish green, fringed and crumpled. The inner leaves are almost white.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

EARLY CURLLED SIMPSON. The standard loose-headed variety. Earlier than the heading sorts.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

GRAND RAPIDS. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

PRIZE HEAD. Forms a very large loose head, slightly tinged with brown.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

HEADING VARIETIES

HARDY GREEN WINTER. The standard Winter sort. Of delicious flavor.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

ICEBERG. A sure and hard-heading variety. Outer leaves light green, curly, and finely fringed. Hearts are of a beautiful white color, crisp and tender.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

MAMMOTH BLACK SEEDED BUTTER. A fine variety for outdoor planting or for cold frames. It produces extra large heads, very compact.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

NEW YORK. This is a decidedly crisp, cabbage-heading variety. It is very large, rooting deeply, resisting hot, dry weather, slow to run to seed.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

ST. L. S. CO.'S SUMMER. This excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. May be sown all through the year and stands heat remarkably well.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

TRIANON COS (Romaine). Head tall and thick, blunt at top. Leaves are dark green, crimped, broad-ribbed.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

ST. L. S. CO.'S BIG BOSTON. Especially valuable for summer and fall use out-of-doors. It is a butter-head type with glossy leaves tinged brown on the margins.

Pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

MUSKMELONS

Culture: A rich, sandy loam is preferable for muskmelons. Sow 10 or 12 seeds in a hill, the hills being four to six feet apart each way. Cover the seeds with about an inch of soil well firmed down. Thin the plants when they begin to crowd, leaving four of the best plants in each hill. Frequent but shallow cultivation until the runners interfere is necessary. Beetles may be kept off by dusting with Slug Shot.

BANANA. The flesh is of a rich salmon. It grows from 20 to 28 inches in length and is very prolific.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

HALES BEST No. 36. The earliest shipping melon of outstanding merit. Fruits oval, 7 inches long, $5\frac{1}{2}$ inches in diameter, ribbing indistinct; covered with heavy netting. Flesh thick, color salmon orange. Fine flavored.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25; 5 lbs., \$5.00.

TIP-TOP. Good for early or late; having a sweet, juicy, fine flavor, solid flesh. The fruit is of large size, nearly round, evenly ribbed.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

HEARTS OF GOLD OR IMPROVED HOODOO. This is an orange fleshed variety of medium size, a desirable midseason sort. The vines are vigorous, blight resisting and very productive. The fruits are nearly round and medium size.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50.

ROCKY FORD PINK MEAT (Pollack No. 10-25).

The fruits are uniform in size, with well developed gray netting. The rich salmon flesh is deep, very solid, of a luscious sweet flavor, ripens clear to the rind.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50.

SCHOON'S HARD SHELL. A new and excellent flavored melon, weighing 5 to 8 lbs. It is deeply ribbed, well netted over its yellow skin. It is valuable for its hard shell, which makes it fine for shipping. It will stand in the field much longer than most varieties. The melon is slightly oval in shape.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50.

HONEY ROCK. A new introduction that is becoming quite popular. Fruit nearly round; hard gray rind, coarse netting, flesh thick; very sweet and deep salmon color.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50.



Muskmelon

Hormone Treated Seeds



Stone Mountain

WATERMELONS

The requirements for raising watermelons are practically the same as for muskmelons except that the vines are more spreading. Plant 8 ft. apart each way.

DIXIE QUEEN—Flesh bright red and very sweet, rind thin; outer skin light green striped with dark green.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

EARLY KANSAS. An exceptionally vigorous grower and heavy producer of unusually fine fruits. Oval in shape, medium size, thin rind, light green with dark irregular stripes. Flesh deep red.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

IMPROVED KLECKLEY'S SWEET. This is considered the sweetest of the large melons. Particularly adapted for home garden. Is oblong in shape, about 22 inches long and 12 inches in diameter. Rind dark green in color. The flesh is bright scarlet.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

STONE MOUNTAIN (or Dixie Belle). Rich dark green in color with scarlet flesh that is exceptionally sweet. Very few seed are found in this melon.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

TOM WATSON. The rind is dark blue-green; the flesh is deep red and very sweet.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

MUSHROOMS

Mushrooms may be grown in a cellar, cave, hotbed, or under benches in greenhouse, in fact most anywhere where conditions of temperature and moisture are favorable or can be controlled.

We can supply fresh, pure culture spawn in brick form. Weight about 20 ounces. A brick is sufficient to spawn ten square feet of bed.

Per brick, 25c; 5 bricks, \$1.00.

By Mail add 5c Per Brick for Postage.

Grow Better Melons with
VIGORO

MUSTARD

One ounce will sow 40 feet of drill.

Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply.

BLACK MUSTARD. The leaves are broad, smooth and often 12 inches long. Color deep green.
Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

LONG STANDING CURLLED. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties, but longer standing.

Pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.

SOUTHERN GIANT CURLLED. The leaves are large, light green with a tinge of yellow, and much crimped and frilled at the edges. The plant is upright or slightly spreading in growth.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.

OKRA

Pods should be used when 1 to 3 inches long. Seed should not be planted until ground is warm. Sow in rows 2½ ft. apart, cover 1 inch, thin plants to 1½ ft. apart.

The young seed pods are used in soups, stews, catsup, etc. Highly esteemed in the south. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart.

PERKINS MAMMOTH LONG POD. Very productive. Pods of an intense green color.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c.

EARLY DWARF GREEN. An extra early maturing variety. Very productive. Plants are more dwarf in habit of growth than those of other varieties. Pods short, deep green.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c.

ONIONS

An ounce will sow 100 feet of drill, four to five pounds to the acre for large onions.

Culture: As early in spring as ground can be worked, sow in rich soil, thoroughly pulverized, in rows 12 to 15 inches apart, covering $\frac{1}{8}$ -inch deep. When 2 or 3 inches tall, the young plants should be thinned to prevent crowding.

CRYSTAL WAX. An extremely mild onion of the white Bermuda type. Bulbs medium size, flat, flesh white.

Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00.

GIANT YELLOW PRIZE TAKER. A main crop onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown.

Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; 1 lb., \$5.00.

LARGE RED GLOBE. This main crop onion produces medium to large sized perfect globe-shaped bulbs with small neck, smooth and glossy, and of deep purplish red color. One of the best keepers. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

LARGE WHITE GLOBE. It is sometimes called Southport White Globe. The variety yields abundantly, producing medium to large, fine shaped clear white bulbs.

Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00; 1 lb., \$6.00.

Try California Wonder Peppers This Year

ONIONS—Continued

PHILADELPHIA SILVERSKIN. (For pickling). This is a medium sized onion of mild flavor and with clear white skin. The variety is a favorite bunching onion, and for pickles.
Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.00.

RIVERSIDE SWEET SPANISH. A very large globe-shaped, light yellow onion with small top.
Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

BUNCHING. The earliest and best onion for early bunching; small bulbs, skin pearly white, flesh of good quality and flavor.
Pkt., 10c; $\frac{1}{2}$ oz., 35c.

ONION SETS

Yellow	Qt., 20c; gal., 60c; bu., (Write Red	Qt., 20c; gal., 60c; bu., for White	Qt., 20c; gal., 60c; bu., Price)
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PARSLEY

Culture: Parsley succeeds best on rich, mellow soil. The seed is slow in germinating and should be sown as early as possible in the spring, in rows 1 to 2 feet apart, covering not more than $\frac{1}{8}$ inch with fine soil firmly pressed down. When the plants are well up thin 8 to 12 inches apart in the row.

EXTRA TRIPLE CURLED (Moss Curled). One of the most popular varieties owing to the fine deep green color and attractive foliage which resembles moss.
Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

PLAIN. The leaves are deeply cut, flat and dark green in color. They are used for flavoring.
Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

HAMBURG ROOTED. The root of this variety is edible and resembles a parsnip in shape. It is extensively used for flavoring soups and stews. The roots may be stored in sand for winter use.
Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

PARSNIPS

Culture: As the seed is sometimes slow and uneven in germination, it should be sown as early as possible. Plant in rows two and one-half feet apart; cover $\frac{1}{4}$ inch deep. Parsnips are improved by freezing. May be left in the ground all winter and used in spring.

HOLLOW CROWN. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.



Parsley, Extra Triple Curled



California Wonder

PEPPERS

Culture: Sow seed in hotbed in March. After danger of frost is past, transplant into open ground, in rows two to three feet apart and 18 inches apart in the rows. An ounce will produce about 1500 plants.

CALIFORNIA WONDER. An outstanding medium late variety. Fruit is four-lobed, chunky, very attractive and smooth. Flesh thick, mild and sweet.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.

CHINESE GIANT. For size, this variety produces prize fruits. They are often 6 inches across and $4\frac{1}{2}$ to 5 inches deep. The flesh is moderately thick and very mild.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c; $\frac{1}{4}$ lb., \$1.50.

CRIMSON KING. Fruits 5 to 6 inches long and 3 inches in diameter. Color bright green, turning to red as they mature. Flesh thick and mild in flavor.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c; $\frac{1}{4}$ lb., \$1.50.

HUNGARIAN YELLOW WAX. This large fruited, early, hot pepper is highly esteemed for canning. The plants produce a fine crop of fruits 6 to 7 inches long and 2 inches in diameter. They are waxy light yellow at first but change to orange and then to bright red when fully ripe.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25.

PIMENTO. The shape is distinctly conical, medium size. Color, when young, a glossy green turning ruby red when ripe.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25.

BELL OR BULL NOSE. An early sweet pepper. Large, bright, red, thick flesh.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.25.

WORLD BEATER. Fruits are excellent in quality. Flavor mild. Flesh thick, crisp and juicy. Color medium dark green, mostly four lobed. Plants large and branching. A heavy producer.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25.

SMALL FRUITED VARIETIES

LONG RED CAYENNE. The fruit is 4 inches long and 1 inch thick, twisted and pointed. The flesh is strong and pungent. Recommended for drying.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

RED CHILLI. Bright red when ripe and are very hot or pungent. They are used for making pepper sauce.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c.

Cheap Seed Is a Waste of Time and Labor

GARDEN PEAS

Culture: Sow in early spring, in rows 2 to 3 feet apart, drilling the seed 1 to 2 inches deep. The taller varieties may be sown in double rows 12 inches apart and supported with brush. One pound is enough for 100 feet of row; 2 bushels per acre. A bushel of smooth peas weighs 60 pounds; wrinkled peas, 56 pounds.

ALASKA. Pods slightly more than 2½ inches long, straight, blunt and of pale green color. A very popular pea among canners. Vine about 30 inches high. Matures in about 56 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.

AMERICAN WONDER. The old popular favorite among all who grow peas. The small, dwarf bushes are heavily laden with peas of the finest quality. Maturity 60 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

GRADUS. An early, wrinkled pea. Of medium height, about 3½ feet. The pods are 4 inches long, uniform, well shaped. Maturing in 56 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

LAXTONIAN. Dwarf large-podded peas. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. The seeds are large, wrinkled, green and cream in color. Maturing in 58 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

LITTLE MARVEL. As a main crop this is the most desirable dwarf variety. The dark green vines, 18 to 20 inches tall, grow vigorously and are laden with pods 3 inches long. Seeds are wrinkled, and green in color. Maturing 58 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

MAMMOTH POD EXTRA EARLY. This is without question the best extra early pea for market gardeners. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, 3 feet. Maturing in 60 days.

Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

EDIBLE PODDED SORTS

TALL MELTING SUGAR. Excellent when cooked like string beans. The vines are very tall, reaching a height of 5 and 6 feet. The pods are over 4 inches long. 70 days.

Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.10.

DWARF GRAY SUGAR. Vines about 2 feet high. Matures in about 60 to 65 days.

Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.10.



Alaska Pea



Peanuts

PEANUTS

Culture: Peanuts can be grown in any part of the country that will grow corn or cotton. A light soil is best. Sow in May or June, spacing the seeds 8 to 10 inches and the rows 2½ to 3 feet. Do not cultivate after the vines have begun to spread.

IMPROVED LARGE JUMBO. Pods usually contain 2 large peanuts.

1 lb., 25c; 5 lbs., \$1.00.

SPANISH PEANUTS. The pods are small, well filled and of fine quality.

1 lb., 25c; 5 lbs., \$1.00.

SEED POTATOES

Prices are subject to change on potatoes.
Shipping charges to be paid by purchaser.

Culture: Any good, well drained, fibrous loam will produce potatoes under right climatic conditions. For early potatoes the soil should be particularly rich.

BLISS RED TRIUMPH. Color, a beautiful light red. Size, medium. Growth very uniform. Shape, nearly round.

EARLY OHIO (Red River). Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety.

IRISH COBBLER. This has become one of the general favorites in all localities for early as well as late planting.

RURAL NEW YORKER. It is very large, unusually smooth, oblong, and rather flattened. Flesh white; quality excellent.

Write For Prices



Early Ohio

Home Grown Radishes Are Superior

PUMPKINS

One ounce will plant about 25 hills; 4 lbs. will plant an acre.

Culture: After danger of frost is over plant the seed in hills 8 to 10 feet apart each way. If planted with corn two or three seeds 15 feet apart each way will be sufficient.

CONNECTICUT FIELD. This sort is grown largely in the cornfield for stock, but the flesh is moderately fine grained. Color, a rich deep orange-yellow.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

KENTUCKY FIELD OR CHEESE. Standard large pumpkin for canning and for stock feed. Fruits very large, flattened; furrowed, skin creamy buff, flesh extremely thick, deep salmon-yellow, and of good quality.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 10 lbs., \$6.00.

MAMMOTH KING OR POTIRON. The best large pumpkin. Forms immense globular shape, flattened a little at the end. Skin reddish yellow in color and flesh rich orange.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

SMALL SUGAR. This variety is small, but of most excellent quality for pies. The fruits are deep orange, round or somewhat flattened and slightly ribbed.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

TENNESSEE SWEET POTATO. A good variety for making pies and other cooking purposes.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

RADISHES

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

ROUND SORTS

FIRE BALL. It is a "Fire Ball" both in growth and appearance and matures in 21 days from the time of germination.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

SCARLET TURNIP WHITE TIPPED OR SPARKLER. Something extra fine. Small in leaf, early. Flat to globular, with an unusual amount of white on the bottom which often extends one-third to one-half up the bulb, the lower half being white, the upper half bright scarlet; consequently, the contrast in color being very showy either on the table or market stand.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

ST. L. S. CO.'S CRIMSON GIANT. It is round, bright crimson, attaining a maximum size before becoming pithy, of one and three-quarter inches long by one and one-quarter inches in diameter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

SCARLET GLOBE (Selected Stock). The interior of the root is pure white, mild, crisp and fine grained. Recommended for the market garden or for greenhouse forcing.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., 3.50.

HORMONE TREATED SEEDS
GROW FASTER

LONG SORTS

FRENCH BREAKFAST. A rapid grower. Oblong shape, color bright scarlet, tipped white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

ICICLE. A magnificent white variety. Grows 3½ to 4 inches long.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

WHITE STRASSBURG. The roots are rather thick at the shoulder and are usually somewhat tapering. This is one of the best large, white later sorts.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

WINTER RADISHES

Culture: Generally sown around July 1st, the same as turnips. The Chinese type develops most rapidly, while the Spanish sorts require about 3 months to reach full size.

LONG BLACK SPANISH. 8 to 9 inches long, and 2½ to 3 inches thick at the top, black skin with white flesh.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

ROSE COLORED CHINA. Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

ROUND BLACK SPANISH. Good specimens are almost round and measure 3 to 4 inches through. Skin black, flesh white. A fine keeper.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

WHITE SPANISH. Very solid and tender. The best white radish for late fall planting.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

RHUBARB

(PIE PLANT)

One ounce will sow 125 feet of row

Rhubarb, also known as Pie Plant, is the earliest spring vegetable and is grown for its leaf stalks which are extensively used for pies and sauce.

Culture: Rhubarb succeeds best in deep, somewhat retentive soil and the richer this is and the deeper it is stirred, the better. Sow in drills an inch deep and thin out the plants to 6 inches apart. In the fall transplant, setting them 3 feet apart each way and give a dressing of coarse manure every spring. Stalks should not be plucked until the second year. When a blossom appears, it should be cut back well into the ground and the plant never allowed to exhaust itself by running to seed.

MYATT'S VICTORIA. A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.75.

RUBY or STRAWBERRY RHUBARB. The plants are of erect, compact habit, leaves medium size. The crisp tender, juicy stalks are attractive red from base almost to the tip.

Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

RHUBARB ROOTS

Strong roots, 2 years old, which, if planted in good soil early in the spring, will make a strong growth and yield stalks the following spring.

VICTORIA only; 15c each, \$1.50 per doz. By parcel post add postage, 5c each, 25c per doz.

VIGORO

Specially prepared plant food

Baked Table Queen Squash Are Delicious



Salsify

SALSIFY or OYSTER PLANT

One ounce will sow 50 feet of drill.

How to Grow Salsify: Sow early in the spring in drills 15 inches apart, $\frac{1}{2}$ inch deep; thin to 6 inches in rows. Cultivate the same as carrots or parsnips. It is hardy; can remain in the ground all winter for early spring use, but should be taken up before growth starts; take up a supply for use during the winter before ground freezes. Succeeds best in light, well-enriched, mellow soil.

MAMMOTH SANDWICH ISLAND. The best variety. Grows to a large size and is very mild and delicately flavored.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

SPINACH

Culture: Sow early in spring in rows 1 foot apart, cover seed $\frac{1}{2}$ inch. Plantings may be continued until May 15th. Sowing may be made again in September.

BRIGHT RESISTANT SAVOY. For resistance to "yellows", blight or mosaic. It is a pure Savoy type, but will run to seed quickly in warm weather. For this reason it is used almost altogether for fall sowing.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00.

BLOOMSDALE LONG STANDING. It resembles the old Savoy, but is more compact in growth and a darker green color. Grows a little slower than Reselected Savoy, but will stay in condition for cutting two weeks longer.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c.

BLOOMSDALE SAVOY-LEAVED RESELECTED (Dark Green). A distinct improvement over the old standard Bloomsdale Savoy, in that it is very early and of better color, blistered and free from pointed leaves. This variety is also used very largely for fall sowing.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c.

NEW ZEALAND. This variety endures heat and drought; excellent for summer; leaves small and thick. A heavy yielder, growing upright. One

sowing can be picked from throughout the entire summer. Germination will be improved by soaking seed in water for 12 hours.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

SORREL

Culture: The improved varieties of sorrel when well grown and cooked like spinach make a palatable dish. Sow in rows early in the spring and thin the seedlings to 6 to 8 inches apart in the row. One may begin cutting in about 2 months and the plants will continue in full bearing from 3 to 4 years.

LARGE LEAVED FRENCH. The best garden variety, having large, pale green leaves of fine quality.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c.

SQUASH

One ounce will plant 20 hills; 2 to 3 lbs., an acre.

Culture: All Squash plants are very tender and sensitive to cold, plantings must not be made until settled warm weather, about May 5th. Summer varieties should be planted in hills 4 to 6 feet apart each way, winter varieties 8 to 10 feet apart each way.

COCOZELLE. This bush variety, sometimes called "Italian Vegetable Marrow," produces oblong squashes often a foot in length, handsomely mottled, dark and light green.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

CUCUZZI CARAVAZZI. Fruits light green, 2 to 3 feet long, 3 inches in diameter. Also called Italian bean.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

HUBBARD. The most extensively grown winter squash. The 12 or 14 pound fruits are very dark green and somewhat warty. Keeps perfectly all winter.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

MAMMOTH WHITE SCALLOP BUSH. The plant is strictly bush in habit and bears creamy white patty-shaped fruits which are symmetrically scalloped. The flesh is milk-white.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

TABLE QUEEN OR DES MOINES. Because of convenience for baking and serving in halves, this little squash has gained great popularity. It weighs only about $1\frac{1}{2}$ pounds and is acorn-shaped, deeply furrowed, and dark green on the outside. The flesh is rich yellow.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

YELLOW SUMMER CROOKNECK. Valuable for early crop. The best and richest summer bush squash; skin bright yellow and warty.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

ZUCCHINI (Black Italian Marrow). Blocky type, 12 to 14 inches long, diameter 4 inches, skin very dark green.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

SWISS CHARD. See page 35.

TOBACCO

Culture: The seed should be sown as early as possible after danger of frost is over. When the plants are about 6 inches high, transplant into rows 4 by 4 feet apart each way. Cultivate thoroughly.

MISSOURI BROAD LEAF. Very productive.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c.

WHITE BURLEY. The main crop variety.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c.

HAVANA. The leading smoking variety.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c.

Our Seeds Are Hormone Treated

TOMATOES

One ounce will produce about 1,000 plants.

Culture: The tomato flourishes best in warm, light soil, moderately rich. For early use sow $\frac{1}{2}$ of an inch deep in February or March in a hotbed, or if only a few plants are wanted, they may be sown in a window box. In order to get the plants strong and stocky, they should be transplanted when 2 to 3 inches high, and a second transplanting later on will add greatly to their stockiness. When all danger of frost has passed, set out in the open ground in rows 3 feet apart and 2 feet between the plants.

FIRESTEEL. An outstanding variety medium to large, bright red globe-shaped fruits. A heavy producer, flesh thick and firm, seed cavities very small, ripens well up to the stem. Disease resistant. 120 days.

Pkt., 15c; $\frac{1}{2}$ oz., 30c; 1 oz., 55c; $\frac{1}{4}$ lb., \$2.00.

BEEFSTEAK. Very large delicious meaty variety with few seeds, smooth uniform fruits are crimson red.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 50c; $\frac{1}{4}$ lb., \$1.75.

BONNY BEST. One of the most prolific of the early tomatoes. Medium size, solid, bright red. 95 days.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

BREAK O' DAY. Wilt resistant. 95 days. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

DWARF STONE. Dwarf plants produce large flat bright red fruits, fine for canning—115 days.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.25.

GOLDEN PONDEROSA. Growth, size and shape similar to regular Ponderosa (yellow fruit).

Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c.

GULF STATE MARKET. Particularly valuable for shipping. Fruits purplish pink; large and of uniform size; globe-shaped; smooth and firm. 95 days.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

LIVINGSTON GLOBE. A large purplish pink, globe-shaped or very nearly round tomato of excellent quality. 110 days.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

MARVELOUS (Marhio). 110 days. A fine new pink, main crop variety, being the same size and shape as Red Marglobe and having its wilt-resisting qualities.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

MASTER MARGLOBE. Fruits are uniformly deep globe shape. Its most distinguished feature is the unusual interior solidity. The cross sectors are so heavy that the seed cavities are reduced to a minimum. Days to maturity, 120.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

MARGLOBE. Of fine appearance, and great productiveness. In color it is a most beautiful scarlet, ripening well up to the stem. The "Marglobe" has proven resistant to wilt. 110 days.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

OX HEART. A late large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Mildly acid and of pleasing flavor. 115 days.

Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.90.
MONTEREY (also known as Beefsteak). One of the best for home use. Fruits deep purplish pink; extremely large, commonly 9 to 12 ounces each; deep but flat; very fleshy with few seeds. 100 days.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

NEW STONE. The fruits are bright deep scarlet, exceptionally smooth and uniform in size. 110 days.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.25.

PICKLING OR PRESERVING VARIETIES

RED PEAR. Used for preserving.

RED CHERRY. Used for preserving and pickling. Fruit small round and deep red.

YELLOW HUSK OR GROUND CHERRY. Small yellow fruits enclosed in papery husk.

YELLOW PLUM. Fruits plum-shaped, clear yellow color.

YELLOW PEAR. Pear-shaped fruits of deep, clear yellow color.

All Pickling or Preserving varieties.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c.

TURNIPS

One ounce will sow 200 feet of drill; one to two lbs. for an acre.

Culture: For early seeding sow flat varieties in open ground in early spring in drills one foot apart, using seed sparingly. Thin to 6 or 8 inches apart. For fall and winter sow in July and August.

EXTRA EARLY PURPLE TOP MILAN. Tops small. Roots flat. Purplish-red above, white below.

Pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

PURPLE TOP WHITE GLOBE. Roots globular, smooth; bright purplish-red above, white below. Flesh white, firm, fine grained and tender.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 10 lbs., \$4.00.

PURPLE TOP FLAT STRAP LEAF. The leaves are upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.
SEVEN TOP, FOR TURNIP GREENS. A foliage turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for greens.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.
SHOGOIN OR JAPANESE. An extremely useful sort. It is quick growing and supplies large edible strap leaves as well as smooth globular roots of superior quality.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.
WHITE GLOBE. Globe-shaped roots. A very good autumn variety.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c.

RUTABAGAS

AMERICAN PURPLE TOP. A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top; flesh yellow.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.

We Supply Strong Plants from Hormone Treated Seed

Strawberry Plants and Seed

Strawberry plants are not in stock, but are sent direct to you from the nursery, ready April, May and October.

EVERBEARING STRAWBERRIES

GEM. Produces extremely large berries throughout the Summer and Fall. Keep watered and cultivated during hot, dry weather.

MASTODON. The Mastodon is a fall-bearing variety. This variety should give excellent results especially where water can be applied during dry weather and where special attention can be given to the plants.

Price: 25 for 85c; 100 for \$2.25; 1000 for \$18.00.

STRAWBERRY SEED

BARON SOLEMACHER. A strawberry grown from seed. An ideal berry for home garden, producing fruit the first season from early sown seed. The plants form no runners. Fruit medium size and dark red. The berries are sweet and highly aromatic.

Pkt., 25c.

SPRING-BEARING VARIETIES

AROMA. (S). Late. The Aroma is one of the best late varieties for both northern and southern sections. It is the one variety that comes nearest to being fitted for both the North and South.

BLAKEMORE. (S). Extra early. A cross between Premier and Missionary. Originated by the U. S. Dept. of Agriculture. Fruit is large, firm, dark red, of conical shape. Good plant maker and heavy bearer.

CATSKILL. (S). Midseason. A heavy producer of large berries. Good quality, firm, attractive.

DORSETT (S). The berries are large, sweet, and deep red. The plants are vigorous and produce a large crop.

FAIRFAX. (S). The Fairfax is a deep red sweet early berry. The plants are very vigorous, bears heavily throughout a long season.

ABOVE VARIETIES

	25	100	1000
Price	\$0.50	\$1.25	\$8.50

The
Key

TO

GARDEN ENJOYMENT!

The key to garden enjoyment is *gardening success!* . . . A beautiful deep-green, thriving lawn, healthy, full-foliated shrubs and trees and flowers radiant with blooms of every hue, gloriously fragrant.

Your garden will be a success if you get your seed from us and feed your entire garden with **VIGORO**. This complete plant food has brought new gardening joy to millions of gardeners for the past 17 years. Vigoro is made by Swift & Company. It is the plant food we know will give you a full measure of gardening pleasure.

VIGORO PRICES

5 lbs. 45c; 10 lbs. 85c; 25 lbs.
\$1.50; 50 lbs. \$2.50; 100 lbs.
\$4.00.

A Product of Swift & Company

VIGORO
Complete plant food



St. Louis Seed Co.'s Selected Seed Corn

Write for prices in larger quantities. Postage extra. Extra charge for bags; 1 bu. cotton, 15c; seamless bags, 30c.

We carefully grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping planters.

IOWA SILVER MINE. (100 days.) Is one of the best known sorts on account of its great popularity and wonderful record. Stalks grow 8 to 10 feet in height and ears set well down toward the ground.

5 lbs., 35c.

REID'S YELLOW DENT. The most popular Yellow Dent Corn in the great Central Corn Belt. (110 days.) One of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform. 5 lbs., 35c.

ST. L. S. CO.'S WHITE STAR. (110 days.) This wonderful white dent corn is known, grown and more extensively planted than any white corn. 5 lbs., 35c.

ST. CHARLES WHITE, RED COB. (120 days.) It is a very handsome white corn, set on a red cob and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels. 5 lbs., 35c.

HYBRID SEED CORN

Hybrid corns are becoming more popular every year. They are uniform in growth and ripening. We offer varieties that have proven best in this locality.

U. S. NO. 13. (120 days.) Stalks large, deep rooted and disease resistant, producing one or two large golden yellow ears per plant.

ILLINOIS NO. 960. (115 days.) Produces mostly two medium size ears per stalk. Drought and disease resistant.

ASPARAGUS ROOTS

Extra Choice Two-Year Roots

Doz. 4 Doz. 100

Washington Rust-proof ... \$0.25 \$0.90 \$1.75
(By parcel post, add 5c per dozen postage)

HORSERADISH ROOTS

The soil should be very rich and well cultivated. 12 for 15c; 4 doz. for 50c; 100 for 80c; 1,000 for \$7.00.

(By parcel post, add 10c per 100 postage.)

Potato Onions (Yellow)..... Per lb. 25c

White..... Per qt. 20c; gal. 60c

Yellow..... Per qt. 20c; gal. 60c

Red..... Per qt. 20c; gal. 60c

Bushel lots, write for Prices.

Recleaned Farm Seeds

Bags extra at cost. Seamless, 30c each.

All Prices on Field Seeds Are Subject to Market Changes. All Orders Filled to the Amount of Remittance at Market Prices When Orders Are Received.

By mail, add postage.

Alfalfa	1 lb. 100 lbs.		1 lb.	bu.
Kansas Extra Fine.....	\$0.45	Write	Columbian	\$.05
Northwestern .....	.45	for	Early White .....	.05
Grimm .....	.45	Price		for
				Price
Sweet Clover			Seed Rye	
White Blossom, Scarified.....	.25		Rye, Recleaned .....	.05
Yellow Blossom, Scarified.....	.25			
Red Clover			Millet	1 lb. 100 lbs.
Fancy, Recleaned .....	.35		German, Fancy .....	.10
Mammoth Sapling .....	.35		Japanese or Duck Millet.....	.20
			(Used for feeding wild ducks)	for
				Price
Alsike			Rape	
Fancy Recleaned .....	.30		Dwarf Essex .....	.20
Lespedeza				
Korean .....	.20		Vetches	
			Hairy Vetch .....	.20
White Clover				
White or Dutch .....	.90		Miscellaneous	
Crimson Clover			Barley .....	.10
Fancy Recleaned .....	.25		Black Eye Peas .....	.15
Grasses	1 lb. 100 lbs.		Brown Crowder Peas.....	.15
Brome Grass .....	.30		Buckwheat .....	.10
Pasture Mixture		\$15.00	Broom Corn .....	.20
Sudan Grass .....	.15		Cane, Amber Fodder.....	.10
Pop Corn			Cane, Orange Fodder.....	.10
Southern Dynamite (Yellow).....	.20		Canada Peas .....	.15
Cowpeas	1 lb.		Flax .....	.15
Whippoorwill .....	.10		Grohoma .....	.10
New Era .....	.10		Kaffir, White .....	.10
Fancy Mixed .....	.10		Lady Peas .....	.15
Soy Beans	1 lb.	bu.	Hegeri .....	.10
Virginia (Early Brown) .....	.10	Write	Peanuts, Large Jumbo .....	.25
Illini (Imp. Virginia).....	.10	for	Spanish Peanuts .....	.25
Mixed, fine for Hay.....	.10	Price	Sunflower, Russian .....	.15
			Millet—Large Yellow .....	.10
			Milo Maize .....	.10

St. Louis Seed Company

BY MAIL ADD POSTAGE

FLOWER POTS — PLANT BANDS — TREE TUBS

Bird's IMPROVED NEPONSET Flower Pots



MADE OF WATER PROOFED RED PAPER

Diam.	Weight per 100	Doz.	100	1000
2 1/4 In.	.03	30	.60	\$4.75
2 1/2 In.	.15	75	5.50	
3 In.	.20	90	6.25	
3 1/4 In.	.23	110	7.50	
4 In.	.25	135	9.00	
5 In.	.30	175	13.00	
6 In.	.45	225	16.00	

PLANT BANDS

A Simple Way to Handle Plants for Transplanting.

Square bands and pots are nearly twice the cubic capacity of round pots of same diameter.

All bands packed 250 to a carton. Weight per carton 2P, 4 lbs.; 3P, 7 lbs.

2P	Size	Height	250	1000
	2x2 inches	2 1/2 inches	\$1.25	\$4.00
3P	3x3 inches	3 inches	1.60	6.00

Postage Extra.

CLAY POTS (Red)

Each	Doz.	Each	Doz.		
1 1/2 inch	.02	\$0.20	7 inch	\$.20	\$2.25
2 1/2 inch	.03	.30	8 inch	.35	3.25
3 inch	.04	.40	9 inch	.45	4.75
4 inch	.05	.50	10 inch	.60	
5 inch	.06	.65	12 inch	.95	
6 inch	.10	1.10			

CLAY SAUCERS

Each	Doz.	Each	Doz.		
3 inch	.03	\$0.30	8 inch	\$.20	\$2.25
4 inch	.05	.35	9 inch	.30	3.25
5 inch	.06	.50	10 inch	.40	4.50
6 inch	.08	.60	12 inch	.50	5.50
7 inch	.10	1.10			

RICHMOND STYLE TREE TUBS

These Tree Tubs are made of the same selected Virginia White Cedar, bound with steel hoops.

No.	Diam.	Depth	Each
1	6 in.	6 in.	\$0.70
3	8 in.	8 in.	.75
5	10 in.	9 in.	.95
7	12 in.	11 in.	1.40
9	14 in.	13 in.	2.00
11	16 in.	15 in.	2.50
13	18 in.	17 in.	3.50
14	19 in.	18 in.	4.00

Handles for above 30c pair.

PLANT STAKES AND SUPPORTS

BAMBOO CANES. (Dyed Green.)

Doz.	100	1000	Doz.	100	1000
1 1/2 ft.	\$.08	\$0.40	3 ft.	\$.15	\$0.75
2 ft.	.10	.50	4 ft.	.20	1.00
2 1/2 ft.	.13	.60	5 ft.	.25	1.35

NATURAL CANE STAKES

6 feet..... Doz., 25c; 100, \$1.35; 1,000, \$11.00
Chinese Tonkin Cane. These are Chinese canes, very strong and heavy. 1/4-inch diameter.

4 feet	Doz.	100	1000
		\$0.65	\$5.00
5 feet		1.25	8.00
6 feet		1.50	10.00

TIMESAVER PLANT SUPPORT

A long lived, low priced, completely adjustable support, all metal parts being galvanized. Can be adjusted as to height and size of loop instantly.

No. 2-3 feet	Doz.	100	1000
No. 3A—4 feet		\$1.15	
No. 4-5 feet		2.00	

PLANT MARKERS

WOOD LABELS—PAINTED WHITE

100	1000	8 1/2 x 1 inch	100	1000
4x 5/8 inch	\$.03	\$2.50	\$.50	\$3.75
5x 5/8 inch	.35	2.75	10x 5/8 inch	.60
6x 5/8 inch	.40	3.25	12x 1 1/8 inches	1.25

Wired Tree Labels 8 1/4 x 1 inch..... .35 2.50

BRANDT'S METAL PLANT MARKERS AND TAGS

Brandt's Markers are non-rusting, non-corroding, easily and permanently marked with fluid that etches into the metal.

B-200	Marking fluid
	1 oz. 25c
B-201	2 in. Triangle
	Each 3/4c
B-202	2 1/2 x 3 1/2
	Each 60
B-203	3 x 2 7/16
	Each 5c
B-204	Insert for No. 203
	5c
B-205	Insert for No. 202
	4 for 5c
B-206	3/4 x 2 3/16
	3 for 5c
B-207	2 1/2 x 3 1/2
	2 for 5c
B-208	and B-209
	Non-corrosive pen point and holder
B-209	Each 10c
B-210	1/2 x 3 1/2
	Each 3/4c
B-211	1 1/2 x 2 1/2
	Each 3/4c

B-200

B-201

B-202

B-203

B-204

B-205

B-206

B-207

B-208

B-209

B-210

B-211

There are all kinds of Plant Supports—but only 1 "BEST-YET"



Made in three sizes for Small, Medium and Large Plants



St. Louis Seed Company

BY MAIL ADD POSTAGE



Germino Hotkaps New Method of Plant Protection

Hotkaps are made of waxed paper. They guard against rain, frost, cold, winds, birds, and insects, and maintain perfect humidity. Growth is forced and yield is increased 10 to 25 per cent. Shipping charges extra.

25 (2 lbs.) with paper setter.....	\$0.50	
1,000 (28 lbs.), \$11.00 per M.....	5,000, per M.....	10.75
100 with setter and tamper (5 lbs.).....	2.85	
250 with setter and tamper (9 lbs.).....	4.25	
Steel Setter and Tamper (4 lbs.).....	1.60	
Garden Setter.....	50c	
Steel Tamper.....	25c	

By mail, add postage for your Zone.

OSMO Cedar FLATS



Size 12 1/4" x 12 1/4" x 2" Complete with 36 2-in. Osmo Pots
(Ready to Assemble.) Each 65c
Extra Pots for above. 3 doz. 40c; 100 for \$1.00.

KEENE Portable Hot House



Hot water heated by oil, gas or electricity. Thermostatic heat control. "Lustra" glass admits more Ultra-Violet rays. Economical to operate.

Model 0—31x30 in.	Holds 12 flats—Oil or Gas.....	\$21.95
Model 1—31x41 in.	Holds 18 flats—Oil or Gas.....	25.95
Model 2—31x67 in.	Holds 30 flats—Oil or Gas.....	31.95
(Electric Model \$2.00 extra)		
Model 3—31x34 in.	Holds 60 flats—Gas or Electric.....	64.90
(Prices do not include flats)		

Keene Flats—13x5 1/2x2 1/2 in. Each..... 1.17
Prices F.O.B. St. Louis

'TWIST-EMS'

THE NEW HANDY PLANT-TIE



Place 'Twist-ems' around stem and support

Twist ends between finger and thumb

In a "flash" stem is securely tied

For plants, shrubs, vines, vegetables and for arranging flowers.

Box of 125, 16 inch size.....	\$.50
Box of 125, 8 inch size.....	.25
Box of 250, 4 inch size.....	.25
In Bundles: 1000 4 inch 75c; 1000 8 inch \$1.50	

JUTE TWINE

FOR TYING TOMATOES, ETC.

2 or 3 ply. Per ball about 1/2 lb..... 20c

Due to present conditions, prices quoted in this catalogue are subject to change without notice, and all offerings are subject to stock on hand.

RAFFIA FOR BASKET MAKING

Natural color. Skein about 4 oz., 25c; 1 lb., 75c.
Colored: Red, Green, Brown, Dark Blue, Black, Orange, Purple, Old Rose, Straw.
Skein, 1 oz..... 10c
1/4 lb..... 35c

By Mail add Postage 10c per lb.

REED FOR BASKET MAKING

	Roll 1 lb.	Roll 1 lb.
No. 1	\$0.15	\$1.15
No. 2 .....	.15	1.10
No. 3 .....	.15	1.05
No. 4 .....	.15	1.15
No. 5 .....	.15	.95
No. 6 .....	.15	.90

By Mail Add Postage

ROOTONE

Reg. U. S. Pat. Off.

THE HARMONE POWDER ROOTS CUTTINGS—GERMINATES SEEDS STIMULATES BULBS—KILLS FUNGI

No skill is needed to apply Rootone. Just dip cuttings. Dust seeds and plant.

2 oz. Jar will treat 3,000 cuttings.....	\$1.00
1 lb. can will treat 30,000 cuttings.....	5.00
Pkt. will treat 400 cuttings.....	.25

FRUITONE

REG. U. S. PAT. OFF.

The hormone spray. Holds apples on the tree to maturity of size and color. Also can be used to reduce gardenia bud drop. 2 oz. can \$1 (makes 25 gallons spray). 12 oz. can \$5 (makes 150 gallons spray).

TRANSPLANTONE

Reduces Loss in Transplanting

A combination of Hormones and Vitamins. A stimulant to the normal process of root formation on established plants and transplants. One teaspoonful of transplantone will make one gallon of solution. Stock solution can be kept in a dark, cool place without deterioration. 1 oz. can 50c; 3 oz. can \$1.00; 1 lb. can \$4.00.

ZOOM

LIQUID VITAMIN B₁

It's wonderfully easy to apply Zoom! Just use the dropper top of the bottle in which it comes, and add 8 drops to each gallon of water. 2 oz. bottle \$1.00.

SMYLES

B₁ SOLUTION

Smyles B₁ solution for plants is a stable solution and need not be kept in a refrigerator. Bottle, enough to make 40 gallons, 10c.

DOG REPELLENTS

DOG SKAT LIQUID

(HAMMOND'S)

A highly concentrated liquid when sprayed at the base of and near evergreens, shrubs, trees, etc., gives off a lasting odor that is very offensive to animals. Price: 3 ozs., 35c.

DOG SKAT TUBES

(HAMMOND'S)

Keeps dogs, cats, rabbits away from choice trees and shrubs. To use, just cut away the small end of the tube and hang by its wires to the lower branches of the shrub. Large tube lasts entire year. Price: Small tube, 15c; large tube, 25c.

CHAPERONE

(Powder for home use.) Odorless to humans. To keep dogs off furniture, rugs, out of rooms, sprinkle around a small amount of Chaperone. Per package, \$1.00.

CHAPERONE (Liquid)

For use outdoors only. Keeps dogs away from trees, shrubs, flowers, etc. 12 oz. tin \$1.00.

DOG SHOO

An effective dog repellent at a price you can afford to pay. Harmless to vegetation. Spray once a week where dogs are to be excluded. Qt., 75c; gal., \$2.50.

DOGZOFF

The nationally known effective dog repellent. Apply with sprayer. 3 oz., 60c.

Insecticides and Fungicides

(All prices subject to change without notice.)

ANTROL. Kills sweet and greasing ants. A safe, sure permanent method of eliminating ants. Consists of small glass containers from which the worker ants carry the Antrol Syrup to the nest, destroying the entire colony.



Price: Ready-filled set containing four filled feeders, 40c; Antrol Syrup, for re-filling, 4 oz. bottles, 20c; pint, 50c.

ACME APHIS SPRAY. An improved nicotine spray combining a soft soap soap with Black Leaf 40. As a contact spray controlled tests prove it to be more effective against a wide range of soft bodied sucking insects than any other contact spray. Mixes easily with any kind of water.
Price: 3 oz. tube, 35c.



ARSENATE OF LEAD (Powder). The best known and most extensively used spray for chewing insects. Safe to use. For general use, 3 teaspoonfuls to 1 gal. water, or 1 lb. to 50 gal. water.

Price: ½ lb., 20c; 1 lb., 35c; 4 lbs., 80c; 24 lbs. \$3.90.

BLACK LEAF "40". A concentrated solution of nicotine sulphate that mixes readily with water. Black Leaf "40" is used to destroy aphids, thrips and leaf hoppers.

Price: 1 oz. bottle, 35c; 5 oz. bottle, \$1.00; 1 lb. bottle, \$2.25; 2 lb. tin, \$3.25; 5 lb. tin, \$5.85; 10 lb. tin, \$10.60.

BORDEAUX MIXTURE POWDER.

For blight, mildew, rust, black-spot and other fungus diseases. For general use it takes 6 tablespoonfuls to 1 gallon water.

Price: 1 lb., 35c; 4 lbs., 80c; 24 lbs., \$3.90.



CYANOGAS "A" DUST. A dry powder ready to use against ants, moles, rats, mice, gophers, grasshoppers, fleas, etc.

Price: ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00.

CYANOGAS "G" DUST. Greenhouse fumigant for aphids, white fly, thrips, soft scale and mealy bug, and control for crop-destroying rodents.

Price: 5 lbs., \$3.00; 25 lbs., \$10.00.



DUSTING SULPHUR. Used in prevention and control of mildew. Blackspot. An excellent chigger chaser.

Price: 2 lb. handy shaker top can, 30c.

DUTOX.

A non-arsenical insecticide. For Mexican bean beetle, striped cucumber beetle, tobacco flea and other beetles, cabbage looper, corn ear worm and bean leaf roller. Use 1 lb. Dutox to 50 gal. water to control beetles, weevils and leaf eating insects. Price: 1 lb., 35c; 6 lb. bag, \$1.40.



EMO-NIK (Acme). A contact spray recommended for control of apis, mealy bugs, red spider, thrip, rust mite, mildew and certain scale insects.

4½ oz. can, 35c; 1 pint, 65c.

EVERGREEN. A non-poisonous spray for Mexican bean beetle, squash bugs, rose slugs, aphids, dahlia beetles, aster beetles, etc.

Price: 1 oz. bottle, 35c; 6 oz. bottle, \$1.00; 16 oz. bottle, \$2.15; gal. \$12.20.

BY MAIL ADD POSTAGE FOR YOUR ZONE.

EXTRAX. The complete insecticide (containing Pyrethrum, Rotenone, spreader and penetrant) used to control most common insects. Use ½ teaspoonful to a gallon of water. May be mixed with Greenol.
1 oz., 35c; 4 oz., \$1.00; 16 oz., \$2.75.



FISH OIL SOAP (HAMMOND'S). Hammond's Fish Oil Soap Safely destroys aphids. It is an excellent wash for palms, rubber plants, and all indoor and porch flowers.

Price: ½ pt. can, 35c; pt. can, 65c; qt. can, \$1.25; gal. can, \$4.00; 5 gal. can, \$16.00.

FLOWERS OF SULPHUR. A powder used to check mildew, dry rot and other fungous diseases.

Price: 1 lb., 10c; 5 lbs., 45c; 10 lbs., 75c.

GARDEN GUARD (ACME). For use as spray or dust. Non-injurious to humans and warm-blooded animals, yet effective both by contact and as a stomach poison against an exceedingly wide range of insects.

Price: 1 lb. carton, 35c.



ACME KOPPER QUEEN (Mildew Spray).

A stainless liquid copper spray for the control of mildew, leaf spot, and black spot on rose bushes, flowers and many other kinds of foliage. Leaves no unsightly residue. A liquid spray replacing Bordeaux mixture and sulphur.

Price: ½ pt., 35c; pt., 60c; qt., 90c; gal., \$2.25.

GRAFTING WAX. Not only used for grafting but also for rubbing over wounds on the bark or in pruning.

Price: ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c.

GRAPE AND ROSE DUST (HAMMOND'S). A dusting fungicide. Basically a micro-fine colloidal sulphur compound that is vastly superior to most fungicides in controlling blights, powdery mildew and black spot.

Price: 1 lb., 35c; 5 lbs., \$1.25; 25 lbs., \$6.25; 100 lbs., \$22.00.



GREENOL (Formerly Greenleaf). The complete liquid copper fungicide (contains its own spreader), for con-

trol of mildews, black spot and other plant diseases. May be mixed with Extrax.
1 oz., 35c; 4 oz., 75c; 16 oz., \$2.25.

KAYSO. Spreader and adhesive for insecticides. In 2 lb. bags, 45c.

KROP SAVER. A non-poisonous pyracide dust. Kills bean, melon and squash beetles, lice, cabbage worms, etc.

1 lb. pkg., 35c; 4 lb. pkg., \$1.00.

LIME-SULPHUR POWDER. Used as a dormant spray against scale. Use 10 to 12 lbs. to 50 gallons water. Also possesses fungicidal properties.

Price: 1 lb., 35c; 5 lbs., \$1.45; 12½ lbs., \$2.00.



Insecticides and Fungicides

BY MAIL ADD POSTAGE

NICOTINE SULPHATE (HAMMOND'S). A double action 40% nicotine sulphate for the control of sucking insects. Fumes from the nicotine penetrate through the foliage and gas the insects which are not hit by contact.

Price: 1 oz., 35c; 5 oz., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 10 lbs., \$10.40; 50 lbs., \$42.75.

NIKOTEEN LIQUID. A refined nicotine that will not burn the foliage. Death to aphis, green fly, spider, mealy bug and many forms of flower, fruit and vegetable lice.

Price: 30%, 1 oz. bottles, 30c; 2 oz., 50c; ½ lb., 95c; 1 lb., \$1.75. 40%, 4 lbs., \$5.50; 8 lbs., \$10.00.

PARADOW (Paradichlorobenzene). The recognized treatment for peach tree borers. Comes in crystals that are applied around the base of the tree in the fall.

Price: 1 lb. can. 45c; 5 lb. can, \$2.00; 10 lbs. \$3.50.



PARIS GREEN. The best known and quickest acting poison for potato bugs.

Price: ¼ lb., 20c; 1 lb. 55c; 5 lbs., \$2.35.

RED ARROW. A non-poisonous contact spray that will not stain or burn tenderest foliage. Effective against red spiders, mealy bug, aphis and other pests. One ounce will make four to eight gallons spray.

Price: 1 oz., 35c; 4 oz., \$1.00; 1 pt., \$2.85; 1 qt., \$5.40; gal., \$16.00.

SCALECIDE. A dormant spray for scale. One part Scalecide is mixed with 15 parts water.

Price: qt., 75c; gal., \$1.75; 5 gals., \$6.35; 10 gals., \$10.90; 30 gals., \$23.75; 50 gals., \$32.90.

SLUG SHOT (HAMMOND'S). All purpose, safe, dusting insecticide. Fortified with Rotenone, Slug Shot, is powerfully effective against leaf eating insects.

Price: 1 lb., 25c; 5 lbs., \$1.00; 25 lbs., \$4.75; 125 lbs., \$17.50.

ACME SCIENTIFIC ROSE SPRAY. A "system" of spray treatment for roses and flowers of all kinds. Eliminates guess work. Each set contains three separate items—A, B, and C—each scientifically made to combat one of the three major classifications of blight and insect pest. Mix all three together with water. Use regularly. Result: complete all-around protection. Surprisingly economical.

Sizes of Spray	Amount	No. of Roses Protected All Season	Prices
No. 3.....	12 qts.....	7 to 12 bushes.....	\$0.95
No. 6.....	24 qts.....	15 to 25 bushes.....	1.50
No. 24.....	96 qts.....	60 to 100 bushes.....	4.00
No. 48.....	48 gals.....	120 to 200 bushes.....	6.00
No. 96.....	96 gals.....	240 to 400 bushes.....	9.75

SLUG SHOT LIQUID (HAMMOND'S). A scientific highly concentrated combination Pyrethrum-Rotenone spray. It is "stabilized" by Hammond's patented process to give that extra and greater killing power. Kills quickly and surely most all sucking and chewing insects. Absolutely harmless to foliage, humans and animals.

Price: 1 oz., 35c; 4 oz., \$1.00; 16 oz., \$2.25; qt., \$4.00; gal., \$12.00; 5 gals., \$55.00.

SNAROL (With Metaldehyde). A sensational new product that kills cutworms, sowbugs, snails, grasshoppers, etc. A ready prepared bait, that is non-injurious to vegetation and will not deteriorate from rain or sprinkling.

Price: 1 lb., 25c; 2½ lbs., 50c; 10 lbs., \$1.50.



SPRAY SOAP (Acme). A refined fish oil soap for the control of certain sucking and scale insects, also as the emulsifying agent in oil sprays. 1 lb. can, 30c; 5 lb. can \$1.25.

SULFOCID. A safe summer spray for scale.

Price: 1 pt., 60c; 1 qt., \$1.00; gal., \$2.50; 5 gals., \$8.25.

TERRO ANT KILLER. A syrup to be placed on chips of wood or cardboard. Ants will be quite active for some time eating the Terro and taking it back to the nest for the queen ant. The queen ant being destroyed ceases further propagation. Price: 25c and 50c per bottle.

TOBACCO DUST. Fine powdered tobacco. Used principally as a ground covering in greenhouses to repel insects.

Price: 100 lbs., \$5.00.

TREE PAINT (PINE TAR). For painting on wounds after pruning.

Price: 1 pt., 30c; 1 qt., 50c; 1 gal., \$1.75.

TREE TANGLEFOOT (CATERPILLAR PASTE).

A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree.

Price: 6 oz. can, 45c; 1 lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00; 25 lbs., \$15.00.

KIX (HAMMOND'S). Formerly Triad. At last, a single spray for chewing and sucking insects and fungus. No mixing of several solutions. Especially developed to solve all problems of rose growers.

Price: 4 oz. bottle, 65c; ½ pt., \$1.00; pt., \$1.50; qt., \$2.50; gal., \$8.00.

TRI-OGEN. All purpose spray that gives positive plant protection. Kills all insects (chewing and sucking), controls mildew and blackspot.

A Small Kit (makes 16 qts.) \$ 1.50

Protects 12 to 20 roses for season.

B Medium Kit (makes 64 qts.) 4.00

Protects 50 to 80 roses for season.

C Large Kit (makes 32 gals.) 6.00

Protects 100 to 160 roses for season.

D Estate Kit (makes 128 gals.) 20.00

Protects 400 to 600 roses for season.

VOLCK (Nursery). The scientific insecticide for nursery, garden and greenhouse. Controls scale insects, mealy bugs, white flies, red spiders, rust mites, aphis and thrips.

Price: ½ pt., 35c; 1 qt., 75c; 1 gal., \$2.25; 5 gal., \$9.00.

VOLCK (Garden). Garden Volck is a combination spray containing highest quality summer oil combined with active nicotine plus soap as wetting agent. Recommended to control aphis, mealy bugs, red spider, whitefly, rust mites, and scale.

3½ oz., 35c; pt., \$1.00; qt., \$1.50.



SPRAYERS AND DUSTERS

HUDSON PERFECTION SPRAYERS

The tanks have riveted seams. Tested to 100 pounds pressure. Equipped with 1 1/4 inch brass pump. Open top with 4 point lock.

Galvanized Perfection, 4 gal.	\$7.25
Brass Perfection, 4 gal.	11.75
Galvanized Junior Perfection, 2 1/2 gal.	5.25
Copper Junior Perfection, 2 1/2 gal.	9.00

F. O. B. St. Louis



HUDSON PORTABLE NO. 34—IDEAL

Heavy metal tank reinforced at top and bottom, with channel iron hoops. Capacity 18 gals. Wheel 18 in. in diameter, 2 1/4 in. steel tire, 10 ft. 5/8 in. high pressure spray hose and a 3 ft. 1/4 in. iron pipe extension angle brass fog spray nozzle. Hudson 1A barrel pump fitted with non-clogging tubular brass screen and special dasher agitator. Price, \$22.25.



MYERS COMPRESSED AIR SPRAYER

The tank is made of heavy material with a 1 1/4 inch brass pump.

No. 2242.	Galvanized—	
4 gal.		\$ 7.25
No. 2242E. Brass—	4 gal.	11.50
No. 2240.	Galvanized—	
2 1/2 gal.		6.50
No. 2240B.	Brass—2 1/2 gal.	10.50

MYERS BARREL PUMP

Myers Barrel Pump No. 305B. It has a good leverage, is very powerful and easily operated. Complete with one lead of 15 ft. 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator. Each \$16.00.



MYERS KNAPSACK SPRAY PUMP

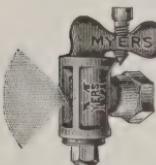
Formed to fit operator's back. For distributing disinfectants and insecticides. Capacity, 4 gallons. No. 1330—

Galvanized tank	....\$18.00
No. 1331—	

Brass tank 24.50

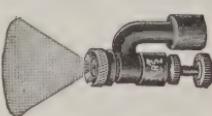


SPRAY NOZZLES



Bordeaux Nozzle

\$1.00



Vermorel Nozzle 80c



Male End 25c



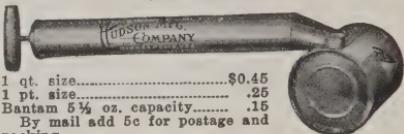
Female End 25c



Imperial Nozzle

40c

NEW MISTY



1 qt. size.....	\$0.45
1 pt. size.....	.25
Bantam 5 1/2 oz. capacity.....	.15

By mail add 5c for postage and packing.



CONTINUOUS SPRAYER

Each 75c

By mail add 15c for postage and packing.

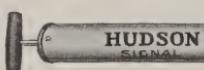


CORPORAL DUSTER

Each 20c
Length 9 inches

SIGNAL DUSTER

Each 30c
Length 11 in.



CADET DUSTER

Each, 40c. Length 15 inches.

No. 645 DUSTER

Length 10 inches
Powder reservoir. Diameter 4 in. Height 2 1/4 in.
Each 50c.



BUCKET PUMP, DEMING'S PERFECT SUCCESS

Has brass ball air chamber to cushion the stream, giving it uniform pressure. Can be fastened to bucket and entire outfit carried from place to place. Comes with 4 feet 5/8 inch discharge hose and Bordeaux nozzle.

Price: \$6.50; by mail, \$6.75.



THE NEW STREAMLINED HARCO SPRAYER

EASY TO USE. Simply squeeze pump handles together and you get just the spray you want, where you want it. The pump is fool-proof. Nothing to get out of order. Holds one quart.

Price, \$2.35.

Miscellaneous Garden Equipment

GRANULATED PEAT MOSS

Used for Top Dressing on Lawns and for Mulching Bulbs, Shrubs and Roses

Granulated peat moss is a light brown colored virgin soil formed years ago by the growth and decay of mosses (mostly Sphagnum).

Large bale, about 140 lbs. (covers 290 square feet one inch deep). Price, per bale, \$4.25. F. O. B. St. Louis.

Prices Subject to Change.

SPHAGNUM MOSS

Extensively used for filling fern and orchid baskets, mixing with potting soil, covering tops of pots to preserve moisture, etc.

Lb., 20c; bale, about 20 lbs., \$1.75.

TOBACCO MULCH

Tobacco Mulch adds humus to the soil and prevents baking. It absorbs two to three times its weight of water, holding it in reserve for dry weather. Tobacco Mulch contains nitratin, phosphorus, potash. It contains $\frac{1}{2}$ of 1 per cent of nicotine, an insect repellent.

Use it for lawns, flower gardens, mulching shrubs and trees.

10 lbs., 35c; 25 lbs., 65c; 50 lbs., \$1.00; 100 lbs., \$1.75.

WIRE HANGING BASKETS

PAINTED GREEN

	Each
10 inch with wire hanger.....	\$0.45
12 inch with wire hanger.....	.55
14 inch with wire hanger.....	.70

By Parcel Post Add 15c for Postage

SHEET MOSS

For Lining Hanging Baskets

Bundle enough to line 14 inch basket..... 35c



Spike side breaks and aerates top soil. Reversed in a minute's time, it is a handy tamper. A necessary tool to prepare lawn for seeding and to tamp after seeding. Lasts a lifetime.

Price, \$4.50.

VIGORO FERTILIZER SPREADER



A very durably constructed machine which will spread rapidly and uniformly.

Model B. 14-inch spread.....\$ 3.25

No. 14. Junior, spreading width, 16 inches..... 7.45

No. 24. Standard. Spreading width, 24 inches..... 15.35

Special. 36 inch..... 22.80



DUNHAM LAWN ROLLERS

Lawns should be rolled frequently. The grass is often raised out of the soil due to alternate thawing and freezing.

No.	Diam. Inches	Length Inches	Approx. Wt. Empty	Filled with Water	Each
WP100	14	15	45 lbs.	115 lbs.	\$ 7.50
WP2	18	24	85 lbs.	265 lbs.	14.50
WP4	24	24	110 lbs.	420 lbs.	16.75

SOIL-SOAKER

Large diameter porous hose that attaches to regular hose. Water gently seeps out through the whole length of the SOIL-SOAKER, permitting the water to penetrate deep; helps you grow luxuriant lawn, vigorous shrubs, roses, trees and gardens. Use a SOIL-SOAKER and have a fine lawn. 12 ft., \$1.25; 18 ft., \$1.75; 30 ft., \$2.75; 50 ft., \$3.90.

ARNOLD SPRAYER



Arnold Special shutoff, transparent cartridge chamber. Brass finish	\$3.25
Arnold Standard Sprayer, shut off, transparent cartridge chamber with metal threaded ends, 12-inch angle nozzle, all exposed metal parts chromium plated	4.00
Arnold Combination Set. Arnold Standard Sprayer with 6 assorted cartridges	5.75
Arnold DeLux Combination Set. DeLux sprayer with 6 assorted cartridges	6.25

ARNOLD ACCESSORIES

36-inch Angle Extension, chromium plated.....	\$1.75
36-inch Straight Extension, chromium plated.....	1.75
Sub-surface Feeder and Irrigator, Dulux finish.....	1.75
Transparent Cartridge Chamber only.....	1.25
Metal Cartridge Chamber and Coupling, chromium plated.....	.80

ARNOLD CARTRIDGES

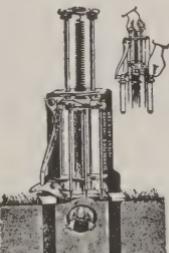
Dorm-O-Spray. Each.....	35c	Each Doz.	
Funguspray. Each.....	35c	Nic-O-Spray.....	\$35c \$4.00
Arcen-O-Spray. Each.....	35c	P. R. Spray.....	35c 4.00
Plant Food. Each.....	35c	Pyr-O-Spray.....	35c 4.00
Sulph-O-Spray. Each.....	35c	Rot-O-Spray.....	35c 4.00
ARNOLD JR. GARDEN SPRAYER (Cartridges extra)	\$2.75		

RUBBER PLANT SPRINKLER

Flexspray Bulb. Made of the best rubber. Removable head for instant filling. For sprinkling plants. Can be used for spraying powder. 8 ounce. Each, 65c. Centro Spra-Bulb. Removable head. For spraying liquid or powder. 14 oz. Each, \$1.00.

MOLE KILLERS

Mologen. A granulated food poisonous to moles, non-poisonous to pets. Easy to use. $\frac{1}{2}$ lb., 50c; $1\frac{1}{2}$ lbs., \$1.25; 5 lbs., \$4.00.



Dead Sure Rodent Destroyers

GAS BALLS or Tubular Rodent Destroyers. Kill all burrowing pests. Light and place in burrow. No animal or insect can live in gas generated by them. Gas Balls. Each, 5c; doz., 50c. Tubular Destroyers. Each, 10c; 3 for 25c; doz., 75c.

Schroeter Self-setting Mole Trap. Each, \$2.00.

EROSIONET

Erosionet is a strong, economical, open-mesh fabric made of tightly twisted, paper twine. When placed over any seeded surface, its $\frac{1}{4}$ -inch square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. Thus, damaging "washouts" from heavy rains are effectively checked without cutting off the sunlight. 45 in. wide. Per yard, 10c.

GARDEX

Soil Flow Garden Tools

GARDEX PULL HOE

With an easy pull, the sharp V-Shaped Blade bites into the ground. The side guards protect the plants when doing close work. Weeds and cultivates in one operation, leaving soil finely mulched just where you want it, without exposing moist soil to sun. No weeds can escape. Made of special high carbon steel for lasting service.

No. 1004—4 inches wide, 5 foot handle. Price \$1.10
No. 1005½—5½ inches wide, 5 foot handle.

Price 1.25



GARDEX CULTI-CLAW

Just the tool for Flower and Rock Gardens. With the long handle, you can get at those inaccessible places—close to plants—in between rocks—under shrubbery. You don't have to stoop, bend or get down on your knees and it cultivates thoroughly.

No. 180—4 foot handle. \$1.00



GARDEX CULTIVATOR

3-PRONG

For large or small gardens, this easy to operate tool is unsurpassed. The position and construction of the high carbon steel tines cause them to penetrate any soil with ease as they loosen and cultivate the ground thoroughly. A child can do perfect work with this New Cultivator. Excellent quality and attractive low price.

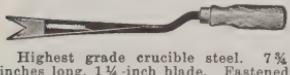
No. 1503—4½ foot handle. Complete, price..... 90c



POTATO HOOK

No. D.E.O.4. Each.....\$1.75

ASPARAGUS KNIFE



Highest grade crucible steel. 7% inches long, 1¼ inch blade. Fastened by two rivets in highly polished hard wood handle. Each.....\$0.30

RUSSEL ASPARAGUS KNIFE

Flat thin blade makes cutting easy.
No. 2311. Each.....\$0.60

GARDEN DIBBLE

Has polished steel point, wood handle. Is used for transplanting small plants. Each \$0.85

Due to present conditions prices quoted are subject to change without notice, and all offerings are subject to stock on hand.

Socket Garden Trowel No. D.S.T.

Blade forged from one solid piece of high-grade steel, tempered and polished. Each \$0.90

CAPE COD WEEDER

A handy tool for close work in seed bed. Each \$0.60

GARDEX

3-PRONG

MIDGET CULTIVATOR

Excellent tool for loosening and aerating soil in small flower beds.

No. 713—2¾ in.

wide, 16 in.

long.

Price 40c



GARDEX TURF EDGER

This new edger cuts turf vertically and horizontally in one operation working forward or backward. By tilting to 45° angle, it cuts clean V-shape groove between sidewalk and lawn. Wing blade also used to lift sod out as it cuts.

No. 400—4½ foot handle.

Price \$1.30



GARDEX HAND PLOW

For hilling corn, potatoes, plants, etc. Covering furrows and making irrigation ditches around gardens. With an easy pull it digs in and works well in light or heavy soil.

No. 2006—6 inches wide, 5 foot handle. Price..... \$1.75



GARDEX CULTIVATOR

Use this tool instead of the old chopping hoe for five times faster and better work. It pulls easily through the soil without using pressure.

No. 1553—3 prongs, 6 inches wide. Price..... \$1.35



GARDEX JR. WEEDE

Handy tool for flower boxes, hot beds, flower beds, cold frames.

No. 700—4 inches wide, 7 inch handle. Price..... 25c



BEET HOE

No. B41. A handy little tool for gardeners to thin out lettuce, beets and other small vegetables. 8-inch handle. Each \$0.75

PLANET JR. TURF EDGER

Edger, Planet Jr. Each..... \$1.50

Planet Jr. Garden Trowel. Each..... .50

FLAT TOP TURF EDGER No. 40F

A handy tool for close work in seed bed. Each \$1.15

This turf edger has the upper edge of the blade turned over to furnish a flat surface for the foot. Each \$1.15

SPEED LINE GARDEN TOOLS

LIGHT BUT STRONG



The center of the blade is 60 per cent thicker than tapers to the sides. Price.....\$1.49

RAZOR BACK SQUARE POINT SPADE

Stays sharp.



G.S.U.D. \$1.49



Very strong, but not clumsy. Each.....\$1.49

SPEEDY SPADING FORK

A good sturdy fork patterned for heavy work.
No. S.L. 18\$1.49



NO. S.L. NO. 16 SPEEDY SPADING FORK

A very strong light fork. Just the thing for the ladies. Price98c

SPEEDY SHARPSHOOTER

This tool works safely and effectively in crowded beds and among seedlings. No. S.L. 2. 4-ft. handle. Price79c



SPEEDY GRASS TRIMMER



Concave blade sharpened on both sides. No. U.S.G.T. Price.....98c

SPEEDY HAND WEEEDER



Six-inch handle. No. S.H.W. Price65c

RAZOR BACK GARDEN SPADE

No. G.R.U.D.

Made of fine steel.

just the trick for

NO. 1 HANDY CAMPER

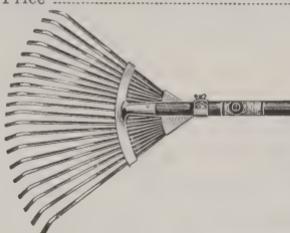
A light shovel, just the trick for
transplanting perennials or spading around trees shrubs, etc.
Price



\$1.00

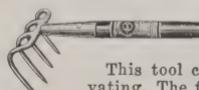
SPEEDY LAWN BROOM

Has flat spring steel teeth rounded at the ends. Can be adjusted from 11½ to 20 inches.
No. S.L. 14. \$1.25



SPEEDY HOE

A handy light hoe, 2½-inch blade, 4-foot handle. Price.....\$1.19



SPEEDY CULTIVATOR

This tool cuts in half the time of cultivating. The four highly tempered tines are sharp and curved to penetrate the soil with an easy, pulling motion, thoroughly breaking up the ground. Excellent under shrubbery, hedges, and low evergreens. S.L. 5.....\$1.19

SPEEDY ROUND BOW RAKES

Bows head and teeth are one piece. There is nothing to work loose or rattle. No. S.L. 9. 14-tooth. Price\$1.19



HAND GARDEN SPADE



OPEN END WEED CUTTER



Has reversible, replaceable blade with serrated edge in herringbone style that catches and holds weeds for cutting. No. S.W.K.S. Price\$1.19

GARDEN TOOLS

BY MAIL ADD POSTAGE

STANLEY TROWELS

A light well made trowel.	
No. 1. Transplanting. Each	..... 25c
No. 2. Garden. Each	..... 30c

LON-GROOM EDGER

EACH, \$2.00



No. 117 GRASS SHEARS



For trimming edges on walks or borders. The best made. Each.....85c

LAWN TRIM BALL BEARING SHEARS

Ball bearing between blades. Eliminates friction. Each.....\$1.50

HEDGE SHEARS

No. S 875. 8-inch blade. Each.....\$1.90
No. S 975. 9-inch blade. Each.....2.20

DOO KLIP GRASS SHEARS

No. 1. Each.....\$1.50
No. 2. Long handle. Each.....2.50

TREE PRUNERS

No. D.E.8. 8 foot. Each.....\$2.25
No. D.E.10. 10 foot. Each.....2.45
No. D.E.12. 12 foot. Each.....2.75

SURE-GRIP WEED PULLER

Most efficient weeder made. Pulls large and small weeds without injury to the lawn. 38-inch handle. Each.....\$1.50

PRUNING SHEARS



Very strong steel blades and good spring.

No. 7436. Thinning shear for thinning fruit trees, roses, shrubs. Narrow blades.	Each.....\$0.65
No. 60. A good shear for general work. Each	.....\$0.85
No. D.E.9. Very strong shear. Each	.....\$1.65
No. D.E.90. The best. Each	.....\$3.75

SNAP CUT PRUNER



Out-cuts all others. All steel, unbreakable, chromium finished, tempered tool-steel blade. All parts replaceable.
No. 119. Cuts $\frac{1}{4}$ inch branches. Each.....\$2.00
No. 118. Ladies size. Each.....1.25

PRUNING SAWS

D. E. 75-16. Made of finest steel, double edge. Quick cutting teeth on one edge and plain teeth on reverse edge. Handle can be adjusted to any angle with thumbnut. 16-inch blade.	Each.....\$2.25
S. X. 16. Good quality tempered steel blade, graduated teeth. Handle not adjustable. 16-inch blade.	Each.....\$1.75

DISTON ORCHARD

A combination saw and pruner can be put on any length pole.
Price without pole.....\$3.25

ENGLISH WALL NAILS

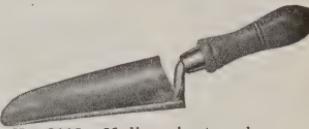
For fastening vines. Price per box 20 nails, assorted sizes.....\$0.60

STAINLESS STEEL

Imported (English), beautifully finished, garden tools.



No. 8114. Transplanting trowel. Each.....\$1.80



No. 8112. Medium size trowel. Each.....\$1.80
No. 8111. Garden trowel. Each.....\$1.80



No. 8113. Garden fork. Each.....\$2.00



CYANOGENS ANT KILLER

If you have a lawn or garden, keep a can of Cyanogas on hand. This gas-producing powder will solve your ant problem. The spouted can is specially designed for treating ant nests. A pinch will kill all ants in nest—instantly. Spectacularly effective! Easy to apply. A little goes a long way. 4-oz. can.....\$0.30

Due to present conditions, prices quoted herein are subject to change without notice and all offerings are subject to stock on hand.



FLORIDA HUMUS

FLORIDA HUMUS A Pure Organic Matter

It is composed of decayed lilies and grasses, dredged from under-water deposits, centuries old, thoroughly air-dried. It is in an advanced state of decomposition—the state which all organic matter must reach to become valuable as humus.

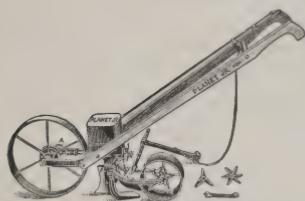
FLORIDA HUMUS differs from most sources of humus. It has an exceedingly high nitrogen content—more than 3 per cent on a dry basis. It is drier and lighter—with a greater covering capacity. It contains a smaller percentage of inert matter. It is less acid, and will not sour the soil. It contains no weed seeds or foreign matter and is free from nematodes. It is light, fluffy, clean, odorless, and conveniently packed in strong, light, wire-bound, leak-proof containers.

Crate of 6 cubic feet compressed to 3½ cubic feet, \$3.00
Crate of 12 cubic feet compressed to 7 cubic feet \$5.00

F.O.B. St. Louis

Planet Jr. Garden Tools

Save time, labor, money. Specialized tools made by Specialists.



Planet Jr. No. 3 Hill and Drill Seeder

The hill dropping is simple and reliable, making hills either 4, 6, 8, 12, or 24 inches apart. 15-inch steel driving wheel. Holds 3 quarts of seed. Weight packed 44 lbs. \$19.75



No. 4 Planet Jr. Combined Hill and Drill Seeder and Wheel Hoe Complete, \$21.00

No. 4D Hill and Drill Seeder, same as the above less the cultivating attachments, \$16.75.



No. 12 Planet Jr. Double and Single Wheel Hoe. \$12.95.
Can be used with one or two wheels.

No. 13 Planet Jr. Double and Single Wheel Hoe has same frame, wheels and handles as Nos. 11 and 12, but has for equipment one pair of 6-inch hoes only. \$9.95.



No. 17 Planet Jr. Single Wheel Hoe. These Single Wheel Hoes have steel frames and 15-inch steel wheels. \$8.95.

No. 19 Garden Plow and Cultivator. Equipment: 1 2-inch cultivating tooth; 1 10-inch sweep; 1 plow, 15-inch steel wheel. \$5.75.

Firefly Garden Plow. Exceedingly useful to owners of small gardens, throwing a furrow four to six inches wide and three inches deep. \$4.95.

All Prices F. O. B. St. Louis.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. A favorite among market gardeners, onion growers, or large gardeners. It is a perfect seeder and combined double and single wheel hoe.
No. 25 complete, \$25.50



No. 119W High Wheel Cultivator. Equipment: One five-prong cultivator tooth, one two-inch cultivator tooth, one plow \$4.15

No. 119 Equipment: One 1 1/4 inch cultivator tooth, one four-inch cultivator tooth, one plow, one reversible suffle blade. \$4.00



Star Pulverizer, Cultivator and Weeder. The star discs break up the ground and the oscillating blade pulverizes it at the same time. It cuts a width of eight inches. \$3.50.



EXTRAS FOR PLANET JR. TOOLS

Plow for Single Wheel Hoe. Each.....	\$1.15
No. 4402X, No. 4403X Hoe. 6-inch blade. Pair.....	1.50
Rakes. Each, 3-tooth, 45c; 5-tooth.....	.75
Disc Hoes. Pair.....	3.75
Three-prong Cultivator Teeth. Pair.....	1.50
Cultivator Teeth. Each.....	.35



Corn Planter. The Eclipse Rotary has positive feed. Four changes of disc (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. Each..... \$3.00



Cyclone Seed Sowers. The hopper or sack has a capacity of $\frac{1}{2}$ bushel. It sows with ease to the operator, all varieties of grain and grass seeds perfectly even. Each, \$2.75; postpaid, \$2.90.

Lightning Tin Horn Seed Sower. Has long tin sectional tube, having sack attachment; also has adjustable feed for different grains

and quantities. Each, 95c; postpaid \$1.05.

FERTILIZERS

A Necessity to All Growing Plants

ADCO is a powder which, mixed with vegetable matter and kept moist, turns the latter into real Manure, but without the odor, flies, etc. Directions enclosed in bags.

Price, 7½-lb. package, \$1.00; 25-lb. bag, \$2.25; 100 lbs., \$8.60.

AGRICO. A complete fertilizer for lawns, trees, shrubs, etc.
5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

ALUMINUM SULPHATE. Used for making soil acid.
5 lbs., 35c; 10 lbs., 55c; 25 lbs., \$1.10; 100 lbs., \$3.60.

ARMOURS TREE FOOD. A complete food for all kinds of trees. Use one pound for each foot of tree's height. One-half this amount for Evergreens.
100 lbs., \$3.15.

BLOOD MEAL. A quickly available organic fertilizer containing 12 per cent nitrogen.
5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$6.50.

BONE MEAL. Supplies Nitrogen and Phosphoric Acid, Valuable for lawns, flowers, shrubs and trees.
5 lbs., 35c; 10 lbs., 55c; 25 lbs., \$1.10; 50 lbs., \$1.95; 100 lbs., \$3.60.

CATTLE MANURE. Wizard Brand Cow or Cattle Manure is pure manure dried by a special direct heat process. Has no offensive odor. Apply 10 pounds to 100 square feet and rake into the soil.
5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.15; 100 lbs., \$1.95; 500 lbs., \$9.25.

COTTON SEED MEAL. An excellent organic fertilizer. For Laurels, Rhododendrons, Azaleas, etc. Also used for Lawns.
5 lbs., 35c; 10 lbs., 55c; 25 lbs., \$1.10; 50 lbs., \$1.95; 100 lbs., \$3.60.

GRO-LUX. A concentrated plant food. Supplies all elements needed for plant growth. No filler. Every crystal is in available form.
2-oz. pkg., 10c; 5-lb. pkg., enough for 2,500 sq. ft., \$2.50.

GRO-LUX LIQUEFIER. Attaches to ordinary garden hose. One filling will fertilize up to 750 sq. ft.
\$1.95.

IRON SULPHATE. Effective against chickweed. Harmless to lawns. Use 1½ lbs. to 1 gal. water. One gallon treats 100 square feet of lawn.
Price: 1½ lbs., 15c; 6 lbs., 50c; 12 lbs., 85c; 24 lbs., \$1.50.

MILORGANITE. A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. It is unusually long lasting and easy to apply without danger of burning.
25 lbs., \$1.10; 50 lbs., \$1.60; 100 lbs., \$3.00.

MURIATE OF POTASH. The chief use of Muriate of Potash is the stimulation of root growth.
1 lb., 10c; 5 lbs., 35c; 10 lbs., 55c; 25 lbs., \$1.10; 50 lbs., \$1.95; 100 lbs., \$3.60.

NITRATE OF SODA. The quickest acting and most effective source of Nitragin. It is available almost as soon as applied.
1 lb., 10c; 5 lbs., 35c; 10 lbs., 55c; 25 lbs., \$1.10; 50 lbs., \$1.95; 100 lbs., \$3.60.

PULVERIZED LIMESTONE. Used to neutralize acid soil on lawns and gardens. It is made from the purest crystalline white limestone obtainable. Bags of 10 lbs., 25c; 100 lbs., \$1.25.

RHUM'S PHOSPHATE. Use it on lawns, vegetable and flower gardens. Supplies phosphorus and calcium. Use 5 lbs. to 100 sq. ft.
100 lbs., \$1.85.

SHEEP MANURE. Wizard Brand sheep manure is uniformly pulverized. It is economical and convenient. Broadcast 100 pounds to 1,000 sq. ft.
5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.15; 100 lbs., \$1.95; 500 lbs., \$9.25.

SUPER ACID PHOSPHATE. Sixteen per cent available. Bone phosphate. Used for crops requiring an excessive amount of phosphoric acid.
1 lb., 8c; 5 lbs., 25c; 10 lbs., 45c; 25 lbs., \$1.00; 50 lbs., \$1.50; 80 lbs., \$2.20.

SULPHATE OF AMMONIA. Highly concentrated, quick acting. Particularly desirable for lawns. 10 pounds covers 2,500 square feet or 50 ft. x 50 ft.
1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00.

VIGORO. Is a specially prepared plant food. It contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. It is clean and odorless. Complete directions in every bag.

5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

NEW PLANT LIFE

A LIQUID PLANT FOOD
½ Teaspoon Makes 1 Quart of Complete Fertilizer
3 oz. Bottle, 25c

PLANTABS

Odorless Plant Food Tablets with Vitamin B₁ added
In boxes of 30 tablets 25c
75 tablets 50c
200 tablets \$1.00
1,000 tablets \$3.50

HYPONEX
Hyponex is a clean, odorless and soluble powder. One teaspoonful makes a gallon of complete liquid fertilizer for house or outdoor plants.

3 oz. pkg., enough for 18 gals., 25c; 1 lb. pkg., enough for 100 gals., \$1.00; trial pkg., enough for 6 gals., 10c.

STIM-U-PLANT

A Concentrated Fertilizer in Tablet Form
Packages of 10 Tablets, 10c; 30 Tablets 25c;
100, 75c; 500, \$2.50; 1000, \$3.50

By Mail Add Postage

Prices subject to change without notice.

Dog and Poultry Remedies, Rat Killers, Weed Killers

DU-BAY SEMESAN



It destroys the destructive diseases on the seed and protects them from the rots in the soil, which results in increased stands of more vigorous, healthy plants that yield larger, quality crops. Sprinkling of the seedling beds with Semesan solution effectively prevents damping off. Recommended especially for seeds, bulbs, and gladiolus corms.

Semesan (for Vegetables and Flowers), small pkt., 10c; 2 ozs., 40c; 1 lb., \$2.50; 5 lbs., \$11.40; 25 lbs., \$52.50.

Semesan Jr. (for Corn), 1½ ozs., 15c; 1 lb., 75c; 5 lbs., \$3. 2 ounces treat one bushel of seed corn, as a dust.

Semesan Bel (for Seed Potatoes, Bulbs, and Roots). 2 ozs., 30c; 1 lb., \$1.65; 5 lbs., \$7.15; 25 lbs., \$33.25. 1 pound treats 60 to 80 bushels of seed potatoes.

Ceresan (for Wheat, Oats, Barley, Rye, and Cotton). 4 oz., 30c; 1-lb. tin, 80c; 5-lb. tin, \$3.40. 2 to 3 ounces treat a bushel of seed, as a dust.

Nu-Green. Prevents or controls the development of Brown Patch. 3 oz., 35c; 1 lb., \$1.45; 5 lbs., \$6.25.

DOG REMEDIES

QUADINE

QUADINE is the greatest product ever developed for grooming the dog's coat and skin. QUADINE kills fleas and ticks. QUADINE benefits all skin conditions that can be treated externally, helps control dandruff, falling hair and sarcotic mange. QUADINE gives your dog a glossy shimmering coat. QUADINE is used on the coats of many of the finest show dogs. Every dog owner should have a bottle of QUADINE on hand at all times.

Postpaid Prices

2-oz. bottle.....	\$.60	½ gallon	\$ 4.75
4-oz. bottle.....	1.00	1 gallon	7.50
12-oz. bottle.....	2.00	5 gallons.....	37.50

K-NO EYE-DROPS

K-No Eye drops are packaged in a dropper equipped bottle, making them easy to use. For mattery eyes. Should be used daily on hunting dogs. This formula has been used for many years in the human clinic by leading eye specialists. Postpaid prices: 1-oz. dropper-equipped bottle, 60c; 4-oz. not dropper-equipped bottle, \$1.00.

ALLEN'S LIQUID GARLIC

LIQUID GARLIC is a highly ethical remedy that first established its efficiency in the human clinic. The use of LIQUID GARLIC is indicated in skin ailments resulting from stomach and intestinal disturbances, digestive disorders, worms, difficult breathing, vicarious appetite, constipation, gas, dry hacking coughs and as a general tonic. Postpaid prices: 4-oz. bottle, 75c; 12-oz. bottle, \$1.75; ½ gal., \$7.50; 1 gal., \$12.00.

SHANKS MANGE LOTION

Nothing is much more unsightly, not to mention the uncomfortable, of a dog that is continually scratching and biting at himself in order to allay the continual itch. SHANKS MANGE LOTION will clear up the condition causing the scratching. 4-oz. bottle, 50c; 8-oz. bottle, 85c.

DELCREO

A tonic and conditioner for dogs. Used for internal medication to assist and stimulate the natural forces of the body in infections in the intestines, blood stream and other organs. Valuable in the prevention and treatment of distemper, coughs and colds, etc. 2-oz. bottle, 75c; 4-oz. bottle, \$1.60.

INOCULATE WITH NITRAGIN WHEN ORDERING SPECIFY KIND OF SEED

INOCULATOR PRICES

When Ordering Always
Specify Name of Seed

Alfalfa, all Clovers

Size	Retail
½ bu. ea.....	\$0.30
1 bu. ea.....	.50
2½ bu. ea.....	1.00



Restores and Maintains Soil Fertility

The Original Legume Inoculator

HOBBS-HILTON PROCESS

NITRAGIN

TRADE MARK REGD. U.S. & CANADA

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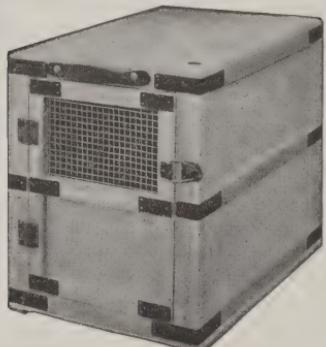
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SHIPPING CRATES FOR DOGS

ANDERSON NO DRAUGHT DOG CRATE



A high-grade waterproof dog carrier. Strong, yet very light in weight, saving express charges.

Inside Measurements

Long-Wide-High

			Wt.	Price
No. 1—For Wires, Scotties,			24 x 16 x 20	22 lbs.
Welsh				\$6.75
No. 2—For Airedales, etc.			26 x 20 x 24	30 lbs.
				7.50
No. 3—For Collies, etc.			36 x 19 x 26	38 lbs.
				8.75
No. 4—for large breeds			38 x 22 x 30	48 lbs.
				9.75

Prices F. O. B. St. Louis

VALISE TYPE DOG CARRIER

Black Fibre Board-Wire Front

Long	Wide	High		
16 in.	8 1/2 in.	9 in.		\$2.00
18 in.	9 1/2 in.	10 in.		3.00
20 in.	10 in.	11 in.		2.00

F. O. B. St. Louis

FLEISCHMANN'S YEAST FOR DOGS

For sturdy growth and vigorous health, your dog needs vitamins. Fleischmann's dry yeast is rich in vitamins B1, G and D.

3 1/2-oz. pkg., 25c; 8 oz., 50c; 1 lb., 85c.

WREX WHEAT GERM OIL

The richest natural source of vitamin E, (reproductive vitamin). Also helps to give the animal a rich, glossy coat. 4-oz. tin, \$1.00.

DOG TEX

Removes dog and cat stains and odors from rugs; prevents rotting and bleaching.

4-oz. bottle, 50c; 8 oz., 85c; 16 oz., \$1.25.

TOYS FOR YOUR DOG

SPEATT'S SORBO BALL. A rubber ball of great toughness. Excellent for retrieving, spongy center will not hurt dog's teeth.

Price, 40c, postpaid.

RUBBER BONE. An exact imitation of a bone, made of rubber. Excellent for teething pups or for retrieving. Price, 10c, postpaid.

SANI-BONE. A real smooth bone, boiled in salts and oil to give it additional toughness. Appreciated by all dogs. Price, 50c, postpaid.

INDESTRUCTIBLE RUBBER BALL. Made with a sponge rubber center, with a tough cover. Chocolate scented. Red and green. Price, 10c.

TINGLE BALL. A chocolate scented hollow rubber ball with a bell on the inside. Appeals to the sight, hearing and smell. Price 10c.

RUBBER RINGS. Indestructible rubber, chocolate scented. Red and green. A good toy for teething puppies. Price, 10c.

SLEEPING BASKETS

OVAL SLEEPING BASKETS WITH PAD

MADE OF WILLOW WITHOUT TOP

	Long	Wide	Price
No. 1—with Legs	22 in.	15 in.	\$3.00
No. 2—with Legs	24 in.	16 in.	3.50
No. 3—with Legs	26 in.	17 1/2 in.	4.00

Prices Subject to Change—Shipping Charges Extra

DOG SLEEPING PADS

Comfort and protection for dogs against dampness, hard surfaces. Durable and clean. Eyelet tufted, filled with best quality Kapok.

No. 70—13 x 18			\$1.05
No. 71—15 x 21			1.25
No. 72—16 x 23			1.45
No. 73—17 x 25			1.65
No. 74—18 x 26			1.80

By Mail Add 20c for Postage and Packing

CEDAR BEDDING

Made from the heart of the red cedar. Keeps your kennel sweet and clean. Red cedar bedding is insect-repelling and the oil in the cedar keeps your dog's coat shiny.

	Price
5-lb. pkg.	\$0.35
25-lb. bag	1.25
50-lb. bag	100-lb. bag

\$2.25

4.25

FEEDING DISHES FOR DOGS

Made of Glazed Pottery, Each, 25c and 40c
Cocker Spaniel Dish, Each, 50c

By Mail Add 4 lbs. Postage for Your Zone

FEEDING STAND

Made of metal green or red. Has 2 dishes for food and water. Suction-Grip legs keep stand from sliding on floor. Each, 59c.

By Mail Add 20c for Packing and Postage

HILO DIP

Gives your dog quick relief from summer eczema. Kills lice, fleas and ticks.
1 oz., 25c; 3 oz., 50c; 6 oz., 85c; pt., \$2.00.

HILO OINTMENT

Will heal sore spots quickly.

1 oz. jar, 25c; 3 oz. jar, 50c.

TIC-FLE

Kills lice, ticks and fleas on dogs.
2-oz. bottle (makes 2 gal. solution), 50c; 6-oz. bottle, \$1.

TIC-SPRA

For ridding households of ticks and fleas. (Stainless.)
1-pint tin, \$1.00.

PULVEX FLEA POWDER

A quick killing flea powder; can be used on dogs or cats. To avoid chigger bites on humans apply on legs and feet before visiting chigger infested areas.

1 1/5-oz. pkg., 25c; 3 1/3 oz., 50c.

SPRATTS COMBS

Best Nickel-Plated Steel Combs
(Imported)



7 inches long

No. 1. Coarse teeth	\$1.60
No. 2. Medium teeth	1.60
No. 3. Coarse and fine teeth.....	1.60
No. X. Very coarse	1.60

These are suitable for Collies, Setters, etc.

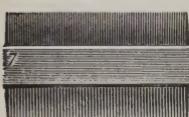


4 inches long

No. 4. Coarse	\$1.00
No. 5. Medium	1.00
No. 6. Fine	1.25
No. 0. Flea comb	1.25

No. 5 is the flea comb used on cats.

These are suitable for Terriers, Spaniels, etc.



No. 7. Nit e comb, double row teeth, one side fine teeth, other side very fine.

\$1.50

We can recommend Nos. 7 and 8 as being most effective for ridding short-haired cats and dogs of fleas.



No. 8. Tiny comb, very fine teeth	\$1.00
No. 9. Flea comb, long teeth.....	1.25

SILENT-DOG WHISTLES

Domestic. Each	\$.50
Imported. Each.....	1.80



Nickel-Plated Steel Flea Comb with Wood Handle	
No. 6A. Each	\$1.75

COMBINATION POCKET TERRIER STRIPPING COMB AND KNIFE



This combination stripping comb surpasses anything introduced for kennel convenience where rough or wire haired dogs are cared for. As illustrated.

Each

\$1.75

DUPLEX TRIMMING CHARTS

An illustrated chart shows you how to trim your dog correctly. Name breed you wish.

Each

\$0.25

Duplex Nail Nipper.....

2.00

Duplex Nail File.....

1.00

DUPLEX DOG DRESSER

Makes stripping fun. Any one can use the Duplex Dresser. Price postpaid, \$1.00; additional blades 5 for 50¢.

RESCO ACCESSORIES

Resco Nail Trimmer.....	\$2.25
Old Master Stripper.....	1.50
Konkave Nail File.....	1.00

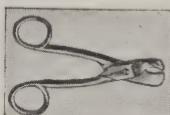
RESCO FLAME DRESSER

The perfect device for putting on the finishing touches to dress up your dog. Burns off all straggly hair with out frightening the dog. An absolute necessity for show dogs. Price, \$5.00.

NICKEL-PLATED NAIL NIPPERS

Spratt's Nail Nippers, No. 4

\$2.00



DOMESTIC NAIL NIPPERS



No. 665

\$1.50

BRALEY STRIPPING KNIVES

Hand-made in three sizes, extra fine, fine and coarse. Price, singly, \$2.50 each; set, one of each size, \$6.50; in pocket size leather container, \$7.50. Braley Nail Files. Each.....

\$1.50



"ACME THUNDERER" WHISTLE

We believe that the "Acme Thunderer" is the best whistle made. It is very loud and is easy to blow.

Small whistle	\$0.50
Medium whistle .....	.65
Large whistle .....	.75
De Luxe whistle .....	.90
Acmeoid (Bakelite) .....	.35
Buffalo horn whistle, postpaid....	.40
Dog head horn whistle, postpaid .....	.40

Small whistle

\$0.50

Medium whistle

.65

Large whistle

.75

De Luxe whistle

.90

Acmeoid (Bakelite)

.35

Buffalo horn whistle, postpaid....

.40

Dog head horn whistle, postpaid

.40

BRUSHES



SPRATT'S PATENT®

An imported brush for Yorkshire Terriers and silky-coated toy Dogs and Cats. Made from the best Russian bristles.

No. 58A. White Bristle, as illustrated

\$3.25

No. 59B. Black Bristle, as illustrated

2.25

No. 62. White Bristle, as illustrated

2.00

No. 59A. Yellow Bristle, large....

3.25

SLANTING BRISTLE BRUSHES

These brushes are invaluable for Bulldogs, Terriers and other smooth-coated dogs.



No. 1-25

\$1.50

No. 22. Slanting Bristle Brush....\$1.50



SPRATT'S PATENT®

Suitable for Collies, St. Bernards, Setters, and other rough-coated dogs.

No. 33X. Yellow

\$2.00

No. 40. Yellow with Handle....

1.50

No. 50. (Small for Terrier).....

.85

No. 51. Oval pocket size.....

.50

DOG GLOVES

Unrivaled for producing a healthy, sleek and glossy surface on the coats of all smooth-coated dogs. When ordering single gloves, specify whether right or left-handed glove is desired.

No. 71. Hair on one side only....\$1.25

No. 73. Wire Fibre Dog Gloves. \$2.25

"P. H." WORLD'S GREATEST ANIMAL CONDITIONER AND WORM EXPELLER. GIVEN TO THE ANIMAL WITH ITS FOOD

Seventy per cent of all your live stock losses are caused by worms. Get rid of these profit-eating, blood sucking pests—they keep your animals in a run-down, unhealthy condition. Worms sap their strength, and make them easy prey to dangerous diseases.

"P. H." is used by the largest dog kennels in this country and abroad. Show dogs are conditioned with "P. H." and are kept in the pink of condition at all times by regular use of "P. H."

Owners of racing greyhounds have found "P. H." a wonderful conditioner and wormer for these dogs that must be in top condition to win.

"P. H." is economical to use, as you will save more than the slight cost of "P. H." in food, as your animal will get the full benefit of its food, thus effecting a sufficient saving in the feed bill to more than pay for the "P. H." used.

"P. H." is a positive necessity to every large kennel.

"P. H." is the cheapest form of health insurance that you can secure.

4 oz. pkg. Delivered Prices of "P. H."

1 1/2-lb. tins \$1.75 28-lb. tins \$18.75

3 1/2-lb. tins 3.75 112-lb. tins 59.00

7-lb. tins 6.25

SPRATT'S DOG TROT

A preparation to be rubbed on the female in season to prevent the annoyance of having male dogs being attracted. Complete with full directions. Price \$1.00.

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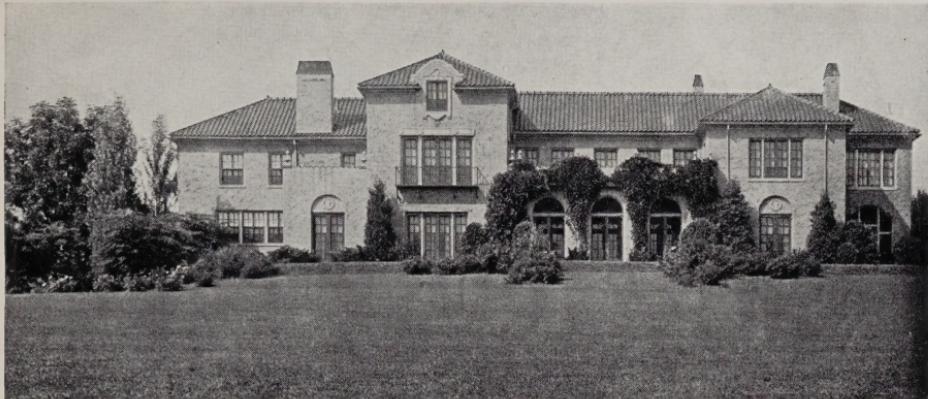
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ST. LOUIS SEED CO.'S HAVALAWN GRASS SEED IS HORMONE TREATED

This is positively the highest grade mixture that can be prepared. Composed of the seed of the finest grasses and white clover, so that with ordinary care HAVALAWN grass seed will not fail to make a beautiful lawn. It is a known fact that a well-blended mixture of grasses will give better results than a separate variety. HAVALAWN is so well blended that it is sure to thrive on most any soil. HAVALAWN insures a steady succession of growth.

A Soil Test May Tell You Why You Are Not Successful in Growing Certain Plants



Your soil needs a scientific balance of plant food elements in proper proportion.

The acidity range should also be correct for the plants you are growing.

The best way to find out the exact condition of your soil is to have it tested.

We will do this for you at the nominal cost of \$1.00 and in exchange you will receive a coupon good for \$1.00 in trade at our store.

HOW TO TAKE SOIL SAMPLES

1. Do not touch soil with hands. Use trowel or other suitable tool.
2. In the plot to be tested, take soil 4 to 6 inches deep from 5 or 6 places in the plot. AIR DRY, and then thoroughly mix these.
3. Put about one teacupful of this mixture in clean bag or wrapping paper. (Do not use hands.) Send this to us for complete analysis, together with \$1.00.

Upon receipt of your sample, we will forward coupon worth \$1.00 in trade at our store, together with the exact results of your soil test and our recommendations.

CRAB GRASS

The greatest problem confronting lovers of a beautiful lawn is the control of crab grass. Often lawns that are superb in spring and early summer, are taken by crab grass later and turn brown in autumn. So far as we know, regardless of price or source, there is no crab grass seed in any lawn seed or any mixture of lawn seeds. This is due to the fact that lawn grass seeds are gathered so early that crab grass has not yet gone to seed.

We can also assure you that there is no lawn grass plant which actually turns into crab grass. Crab grass is an annual and dies completely every year. It is useless to destroy crab grass plants after they have gone to seed, as it is the seed they drop which lies dormant in the soil and produces new plants the following year. (One crab grass plant will produce several thousand seeds.)

To control crab grass in your lawn:

Plant the best seed.

Use enough of a balanced fertilizer.

Do not cut your lawn shorter than 1 ½ inches.

Water thoroughly. (Do not sprinkle.)

Produce a thick turf and crab grass will not be found growing there.

The use of chemicals has proven of great value.

CRAB GRASS KILLER "GONE WITH THE WIND"

"Gone With The Wind" is put up in 6-ounce bottles. Mix the contents of one can with 5 gallons of water and spray it on 660 square feet of lawn surface. We recommend a compressed air sprayer, or any type of pressure sprayer that will give an even distribution. Sprinkling cans have been used with good success. Since there is no uniformity in the outlet holes of sprinkling cans, we suggest that you experiment with plain water to see just how many gallons it takes to cover 660 square feet, then add the 6 ounces of "Gone With The Wind" to that amount of water.

Permanent grasses are usually temporarily discolored for a period of from ten days to two weeks after which time they resume their natural color. Price \$1.00.



*It will be
a better garden
if you plant
Pure and Sure
Hormone Treated
Seeds*

TOMATO—Firesteel

An outstanding variety, medium to large, bright red globe-shaped fruits. A heavy producer, flesh thick and firm, seed cavities very small. Ripens well up to the stem. Disease resistant. (120 days.)

Pkt. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$2.00.

BEETS—Early Wonder

A beet to satisfy the most critical grower. The shape is slightly flattened globe; flesh tender, sweet and attractive. Color deep red. (54 days.)

Pkt. 5c; oz. 20c; 1/4 lb. 60c.

WAX BEANS (Bush)—Pencil Pod

The straight pods grow 6 to 7 inches long and are very tender. Color is a deep golden yellow, has round pods and black seed. Very desirable for home garden. Plants are large and thrifty, heavy producers of long period. (52 days.)

Pkt. 5c; 1/2 lb. 20c; lb. 35c.

PEAS—World's Record

The earliest large podded wrinkled pea in cultivation. Plants grow 2 1/2 to 3 feet high. The well formed pods are 4 inches long, dark green, producing medium sized. Very sweet and tender. (56 days.)

Pkt. 5c; 1/2 lb. 15c; lb. 25c.

BUSH BEAN (Green Podded)

Fleshy pods six inches long, excellent quality, stringless. Continues to bear over a longer period than most sorts. Plants are strong, upright, dwarf growth. Splendid for canning. (50 days.)

Pkt. 5c; 1/2 lb. 20c; lb. 35c.

TOMATO—Grothens Globe

An early, disease resistant Tomato. The large scarlet, almost globe shaped fruits mature in 120 days. They are very solid and do not crack. Heavy producers and are of delicious flavor.

Pkt. 10c; 1/2 oz. 20c; oz. 35c.

RADISH—Scarlet Globe (Special Strain)

A splendid early Radish for the home garden. Globe shaped, bright cardinal red, flesh white, remaining crisp for a long time. Ready for the table in 20 to 25 days.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c.

SWEET CORN—Earligold (Hybrid)

An outstanding hybrid. Clean, light yellow ears 7 inches long, slightly tapering and very uniform. Well filled with 12 to 16 rows of kernels. Sturdy deep rooted plants 5 1/2 feet tall with few suckers. Matures in 70 days.

Pkt. 10c; 1/2 lb. 25c; lb. 40c.

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